THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 1 JANUARY 1996

EBARC Meeting

January 12, 1996
7:00 p.m.

Rusty Epps, W6OAT and
Bruce Sawyer, AA6KX
"World Radiosport Team Championship"

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL

Robert C. Hughes, N6SPY
238 San Carlos Ave.
El Cerrito, CA 94530-4151

POSTMASTER:
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Feb. issue: Jan. 24

[Articles can be submitted to the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to primbsch@cmsa.berkeley.edu.]

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Message from the President
Gayle "Burgie" Jones, KE6MSF

Since this is my first "Message from the President," I would like to begin by thanking all of those who nominated me. I will do the best job I can, and I'll try to live up to your expectations as President. I take my newly acquired position very seriously, and I am looking forward to working with each of you. I know with your help and support, my job will come easy.

I wish you and your family a very Happy New Year. Hope to see you all at the January meeting.

Club Programs for 1996
David Brandon, KG6FR

At our January meeting, our speakers will be Rusty Epps, W6OAT, and Bruce Sawyer, AA6KX. They will discuss opportunities for EBARC and its members to participate in the World Radiosport Team Championship. Rusty and Bruce will show us "the best ham radio videotape ever made" and explain how the Club can participate in this event, which is scheduled for July 1996 in the Bay Area.

I thank the membership for the vote of confidence in re-electing me 1st VP and Chair of the Program Committee. Though we have not had a formal committee in the recent past, many of the programs are based on members' suggestions. So, you should all consider yourselves members of the committee. There is no need to attend a committee meeting. Just let me know your suggestions, or even volunteer to offer a program to the Club.

Some of my ideas for 1996 include programs on satellite communications, RFI,

construction techniques, and contesting. I also think some members have topics that lend themselves to shorter segments (5-10 minutes each). Two or three of these would make up a meeting program. I particularly want to have one or more segments on how to program your HT. Will experienced users who could demonstrate features of their HTs please identify themselves to me?

Treasurer's Report
December, 1995
Gordon Parsons, NU6W, Treasurer

DECEMBER INCOME

Family Renewal: KE6MRH/KI7FQ	24.00
Entertainment '96 Book sales	40.00
Station Fund Donation, WA6TNI	100.00
Coffee Kitty	6.00
Total December Income	$170.00

DECEMBER DISBURSEMENTS

Blown Fuse Postage	$37.12
Blown Fuse Printing	36.37
W6CUS stationery (D. Brandon)	35.48
Hospitality Gift	20.03
Holiday Party Cake	100.00
AT&T (W6CUS)	5.55
Pacific Bell (W6CUS)	15.71
Total Dec. Disbursements	$250.26

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$867.75
Savings (Station Fund*)	$626.37

*$257.89 is the actual amount belonging to the station fund. The balance of $368.48 is for the general fund.

1996 membership dues are now being collected. Only about 50% of members have paid their dues so far. If you have not paid yours, please do so now. EBARC dues are individual, $20; family, $24. Please remember to feed the Kitty.

Entertainment '96 Books!

EBARC is still trying to raise funds by selling copies of *the Entertainment '96 Book*. Most discounts are for fine and casual dining. However, there are also bargains for travel, the arts, sports, merchandise, and services. Each book costs $40. Contact Fred Nieman, KC6VLL, at 223-1748, to buy your copy.

Thanks HRO!

EBARC thanks Mach Myovich, manager of the Oakland Ham Radio Outlet store, for the following donations to the EBARC Holiday Party:

- 2 copies of *CQ Almanac*
- 1 copy of the *FCC Rule Book*

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5 wpm CW Course
Henry Primbsch, KK6PH

Ivan Sturman, WB6PIV, and Jamie Wasson, AB6WJ, have arranged a 5 word per minute Morse code course. The course will be taught by Jamie on Tuesday and Thursday evenings from 7-8 p. m. at Annex B of the Kensington Community Center, 59 Arlington Ave., Kensington. This is just uphill from the library and tennis courts (at the corner of Arlington and Kensington Park Road). The date of the first class is Tuesday, January 30th. Class will end Thursday, Feb. 29th, just before the scheduled ARRL VE test session on March 3rd. Bring scratch paper, sharpened pencils, and your ears. Be prepared to practice about 15 minutes every day. For more information, contact Jamie in the daytime at 548-0606. Ivan, 524-9021, can give you directions to the class location.

W6CUS Open House?
David Brandon, KG6FR

ZS6BLY, (first name Wessel) will be visiting the Bay Area from South Africa in January. He has expressed an interest in EBARC. To accommodate him, perhaps we can have an open house at the W6CUS Club Station on Sunday, January 21st. It would be a good opportunity for us to learn about ham radio in South Africa. For further information on this possible event, either come to the January EBARC meeting, or contact me at (510) 845-9559.

Have You Renewed?

Check the front of this issue of *The Blown Fuse.* If yours has a red sticker saying, "Friendly reminder: payment is overdue," our records show that you haven't renewed your EBARC membership for 1996. A second possibility is that we have made a mistake in our records (we *never* make mistrakes!). In either case, contact EBARC Treasurer Gordy Parsons, NU6W, at (510) 785-4290. If you aren't a paid-up 1996 member, you won't receive *The Blown Fuse*, and you won't appear on the 1996 membership roster (a *real* tragedy!).

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). Dates for 1996 exams are; Jan. 7th, Mar. 3rd, May 5th, July 7th, Sept. 1st, and Nov. 3rd. Exams are held at the Alameda Contra Costa Blood Bank, 6230 Claremont Ave. (just east of College Ave.) in Oakland. Candidates should arrive at 9:00 a.m. The test fee is $6.05, except for Novice level tests, which are free. Upgrade candidates must bring their current license and any applicable CSCE forms, plus copies of same. All candidates must have a photo ID. Headphones are supplied for the code tests, and we have ample parking and a quiet environment. For more information, contact Allen Smith, AA6UX, (415) 752-8783.

Incoming President "Burgie," KE6MSF, and outgoing President Fred, KC6VLL. The photo was taken at EBARC's holiday party by Rachel Lewellen, KB6LHR.

Help EBARC. Volunteer!

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1995 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Gayle "Burgie" Jones KE6MSF, President 222-3672
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Leo Lewis WA6ZFV, Member-at-Large 233-5034
Mel Hurley KC6FAW, Member-at-Large 526-2868
Doug Cain N6JNK, Member-at-Large 237-3294

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		145.51s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

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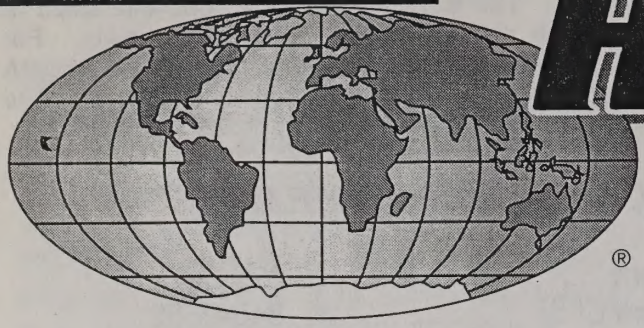

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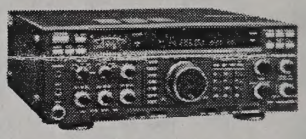

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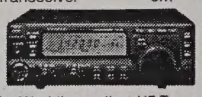

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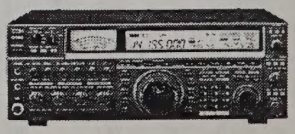

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 2

FEBRUARY1996

EBARC Meeting

February 9, 1996
7:00 p.m.

Bill Rausch, AA6PA
AMSAT Coordinator, So. SF Bay
"Phase 3D - A Satellite for all Hams"

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

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Deadline for Mar. issue: Feb. 20

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W6CUS Club Station Report
Ralph Hall, W6EFD

The HF room at the club station has been painted by David, KG6FR; Liz, KO6XP; and Fred, KC6VLL. It looks very nice. The Club thanks you all very much.

And now, for our first work party. If the EBARC Executive Board agrees at its February meeting, we will have a work party on Saturday, February 10th, starting at 9:30 a.m. Weather permitting, we are planning to replace the existing G5RV antenna with a half-wave 80 meter dipole. We'll also put up the now-down 40 meter dipole. In the event we are rained out, we will have an alternative "Plan B" project.

Club station access briefing is under way. For all those who wish access to operate club station, please make an appointment with me by calling 232-0727. It will take about one hour for the briefing session.

THE BASE STATION

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Yaesu H.F., V.H.F. & U.H.F. Transceivers & Accessories

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Message from the President
Gayle "Burgie" Jones, KE6MSF

I would like to begin by thanking David, KG6FR, Liz, KO6XP, and Fred, KC6VLL, for painting the HF room at our club station. You did a nice job!

I would also like to thank Jack, KA6OHW, for hanging two rope pulleys with two lanyards for supporting dipole antennas on the Red Cross tower and on our Rohn tower.

We are having a work party on Saturday, Feb. 10th. I hope everyone who is interested will be able to attend. Refreshments will be served. So come on down, and enjoy a day in the sun.

I hope to see all of you at our February meeting.

Treasurer's Report
January, 1996
Gordon Parsons, NU6W, Treasurer

JANUARY INCOME

New Members: Bob Blaisdell, KF6ABG; Chester Pike, KE6ZWR; and Donald Hamma, KE6ZFP $60.00
New Family: David (KE6ZWS) and Kerry (KE6ZWU) Brookman 24.00
Regular Renewals: KC6JAE, WD6FRO, AB6VB, NU6W, N6JNK, KE6IAJ, KO6JF, KE6ZWO, N6LFW, N6IIW, AA6FDF, K6HVU, AA6ZA, KC6JXB, K3MHD, WA6OUO, N6JGC, WB6VEX, N6AVB, WB6DXZ, N6WVR, KC6QZP, KD6SWU, WB6PIV, KE6NMJ, KE6DVS KB6JXA, and KE6ZWQ 560.00
Family Renewals: KE6MSF/KE6SZG, N6ASB/Marjorie, N6MNL/KD6OKJ, KC6SOG/KD6PLM 72.00
Station Fund Donation: KE6NMJ 5.00
Coffee Kitty 27.35
Scratcher Sales 37.00
Total January Income $785.35

JANUARY DISBURSEMENTS

A. H. Wohlers (equp. insurance) ... $193.50
A. H. Wohlers (group insurance) 266.00
Pacific Bell (W6CUS) 15.94
AT&T (W6CUS) 5.55
City of Albany (room rental) 40.00
Joe Lee (badges) 6.50
Ralph Hall (tower fencing) 29.48
Blown Fuse Postage 40.00
Blown Fuse Printing 27.30
Total Jan. Disbursements $624.27

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Checking (General Fund) $986.83
Savings (Station Fund*) $665.37

*$299.89 is the actual amount belonging to the station fund. The $368.48 balance belongs to the general fund.

About 70% of the club members have paid their dues for 1996. If you have not done so yet, please pay yours now.

Remember to feed the Kitty.

General Meeting Minutes
January 12, 1996
Sharon Primbsch, AA6XZ
(Acting Secretary)

The regular meeting of the East Bay Amateur Radio Club, at the Albany Senior Center, was called to order at 7:33 p.m. by President Gayle "Burgie" Jones, KE6MSF.

REFRESHMENTS: Roger Nelums, KE6SZG, reported that his mother-in-law, Molly Hall, will be helping him provide refreshments. She also made a new "feed the kitty" can for cash donations.

EDUCATION: Henry reminded everyone that there's a 5 wpm Morse Code class starting at the end of January. For details, see last month's *Blown Fuse*. Hams that passed the no-code Technician class are: Bob Blohm, KE6ZWO; Chet Pike, KE6ZWR; Dave Brookman, KE6ZWS; Kerry Brookman, KE6ZWU; and Ken Astl.

ILL MEMBER: Joe Lee, WB6DOB, reported that Mel Hurley, KC6FAW, is in the coronary unit of Brookside Hospital. It's okay to visit him (after 3 p.m. is best), and to awaken him to talk. Rich, KD6JCT, donated flowers, and EBARC appreciates this gesture.

FIELD DAY: Ray Gillett, KF6FU, said we should get an early start on Field Day preparations this year. He asked that interested members contact him to be on a committee. Rich asked about the location of Field Day this year. He suggested that

we could use the park behind the club station. It was mentioned that for Field Day, we can't use any permanently-installed rigs or antennas. Jamie Wasson mentioned that the East Bay Regional Parks District is buying the Berkeley North Waterfront Park from the marina, but not before this June. There's also a new harbormaster. Jamie is going to keep on top of this situation for the club.

RED CROSS: Leo Lewis, WA6ZFV, told us about the American Red Cross Bay Area Chapter's fundraising benefit walk in the San Francisco Marina district. Walkers ask sponsors to pledge donations to the Red Cross. Admission to the post-party is free to walkers who have pledges totalling $50 or more. The event is Sunday, March 3rd. Registration is 8 - 9 a.m., and the walk starts at 9 a.m. The early registration deadline is February 16. Leo has brochures and more information for anyone who is interested in walking or in operating this event. On another subject, at the Richmond office, both Red Cross vehicles have been burglarized. Therefore, some lock and alarm changes are coming soon.

ARES/RACES: Rich Parker, KD6JCT, asks that ARES/RACES members try to check in to the Thursday evening net on 147.510 simplex, if possible. This gives us practice on a known simplex frequency which we can use if the 145.110 repeater is down during an emergency. Rich also reported that there's a January 27th training session. Listen to the net for details.

CLUB STATION: Ralph Hall, W6EFD, returns as EBARC's Club Station Chair. He thanked Liz Charlton and David Brandon for the recent interior painting they did. On Jan. 17th, the Richmond Red Cross people will visit the station near 6 p.m. Doug Cain will operate HF, and Roger Nelums will operate packet for this demonstration.

As soon as the HF room is straightened out (after the painting is complete in a day or so), Ralph will be available to train members in the club's equipment and in operating the building's alarm system.

Ralph discussed the key and lock situation for the club station, and suggested that we don't know exactly who has keys now. After some discussion, Ivan Sturman moved, and Roger Nelums seconded, a motion to re-key the locks on the club station, and then issue new keys with serial numbers to members as they are trained on the equipment. The motion passed.

"Burgie" said that, in the *Blow Fuse*, announcements will be made for work parties at the club station. She encouraged members to volunteer their labor.

David Brandon announced that there will be an open house Sunday, Jan. 21st, 1-4 p.m. at the W6CUS club station. A visitor from So. Africa will be there, and will give an informal talk on ham radio in his country.

QUESTIONNAIRE: President "Burgie" asked that members fill out questionnaires that were distributed. EBARC is asking for suggestions on fund-raisers, meeting speakers, and for general comments.

Ed Bear is accepting digital photos for our EBARC World Wide Web site. Members are welcome to give photos to him, to Leo Lewis, or to Rachel Lewellen.

After a refreshment break, David Brandon introduced speakers Rusty Epps, W6OAT and Bruce Sawyer, AA6KX; who spoke about the upcoming World Radiosport contest.

The meeting adjourned at 10:08 p.m. for the raffle drawing.

February EBARC Program
David Brandon, KG6FR

In the past, most hams have regarded operation through ham satellites as the domain of the "techie," willing and able to put up with seemingly endless technical complexities. However, when Phase 3D is launched, most of the technical hurdles will be removed, and more hams, including the vast majority of us with modest equipment and know-how, will be able to use this exciting mode of communication. Come to the February EBARC meeting to find out how *you* will benefit from this $4 million undertaking, ham radio's most ambitious project to date.

Aside from learning about Phase 3D, you are urged to bring your friends to our February meeting to enjoy our experienced and articulate guest, AA6PA. Bill Rausch is net control for the Project Oscar - AMSAT VHF Net held Wednesday evenings at 7:30 local time on 145.230 MHz (-) and 147.015 (+) [the W6APZ and WA6PWW repeaters, which are "open" for the net]. By all means, join in to hear the latest AMSAT bulletins and to ask questions about operating the satellites. Information about joining AMSAT will be available at the meeting.

Report on W6CUS's Open House, Held January 21st
David Brandon, KG6FR

Prior to the open house, Liz, Fred, and I painted the HF room and Ralph and crew cleaned up and reassembled it. The room has a nice fresh look to it, but, lest you feel excluded, there's still work to be done when you feel the urge. However, Doug has "dibs" on painting the cabinets.

EBARC members W6EFD, KE6MSF, KG6FR, KE6SZG, KK6PH were hosts to our visitors from South Africa, Wessel Du Preez, ZS6BLY, and his wife Gretha. They were accompanied by South African colleague Peter Millar, in his 2nd of 3 years at UC's Richmond Field Station, and his wife, Marion, and daughter, Vivian. (Their younger daughter was cracking the books for semester exams at Albany H. S.) Some of you met Peter and Marion at our January meeting, and we are looking forward to their joining the Club and acquiring their ham tickets in the near future. We learned about ham radio in South Africa, as well as about the highway roadbed testing equipment developed at the institute (CSIR) which employs Wessel, Gretha, and Peter. Wessel makes periodic trips to the United States, and we hope he will join us at a regular meeting before too long.

World Radiosport Information

[This item is excerpted from information about WRTC-96, provided by Rusty Epps, W6OAT. Rusty says, "Please convey our thanks to the EBARC members for their hospitality. Bruce and I had a good time and enjoyed meeting all the gang." - Ed.]

The World Radiosport Team Championship is a quadrennial week-long celebration of amateur radio. Somewhat akin to a "radio olympics," it is organized around an on-the-air competition among 52 two-person teams representing various countries and/or continents. The participating operators all have been selected because of their proven accomplishments in major international contests. Bringing the competitors together in one place at one time, the WRTC emphasizes individual operator skills by neutralizing most of the

other variables normally associated with a radio contest -- the teams all are in close physical proximity on flat terrain, running the same amount of power, and utilizing similar antenna systems. Social events enable the competitors to meet each other and the local hams thereby furthering the international good will for which amateur radio already is well known. WRTC also gives the amateur radio community an opportunity to present itself to the general public in a highly positive context through coverage in the mainstream press, television, and radio.

The site of the 1996 World Radiosport Team Championship (WRTC-96) will the San Francisco Bay Area. The competition will be the weekend of July 13 and 14, 1996. Once in San Francisco, the WRTC-96 Committee will provide contestants with housing, meals, local transportation and access to station locations. In addition, a block of rooms has been set aside for visitors at a Belmont motel. Bay Area volunteers are needed to provide stations, transportation, and housing for the contestants.

Commenting on the rules, NCCC President Ken Silverman, WM2C said, "Since WRTC-96 will take place in conjunction with the IARU HF World Championship, we tried to use the existing rules of that contest as much as possible. Operating times will be limited to 12:00 UTC Saturday, July 13 through 06:00 UTC Sunday, July 14 (six hours less than the IARU Championship). Teams will utilize only the 40, 20, 15 and 10 meter bands, with no operation on either 80 or 160 meters.

For additional information about WRTC-96, or to volunteer, contact Rusty Epps, W6OAT, at 651 Handley Trail, Redwood City, CA 94062, or via e-mail to epps@NetCom.Com.

EBARC Roster Update

Sharon Primbsch, AA6XZ
Membership Chair

- **UPGRADE:** Liz Charlton, KO6XP, is now an Extra class ham. Congratulations!
- **UPGRADE:** Chris Wong, N6JGC, upgraded to Advanced class last July. (sorry it took so long to publish it!)
- **CALL SIGN:** Robert Blom now has call sign KE6ZWO to go with his Technician license. His 'phone is 237-9117.
- **NEW PHONE**: Toshinari Katayama, AB6VB's new 'phone is 848-7182.
- **REJOINED:** Amos Johnson, WA6OUO, has re-joined EBARC. He lives at 737 So. 41st St., Richmond, CA 94804, and his phone is 232-2408. He has a General license, and likes packet radio, fishing, and hunting. Welcome back!
- **NEW MEMBERS**: Please welcome David Brookman, KE6ZWS, and Kerry Brookman, KE6ZWU, to EBARC. They are both new Technicians, and they live at 988 Leneve Pl., El Cerrito, CA 94530. Their 'phone is 527-3218. They're both interested in ham radio emergency services. David likes electronics, computers, and graphics. Kerry likes gardening, animals, and reading.
- **NEW MEMBER**: Tom Bradner, KE6ZWQ, is a new Techician who has joined us. He lives at 141 Schooner Ct., Richmond, CA 94804. His phone is 235-3210. He's an accountant who likes ham emergency services. He's also a member of the Richmond Red Cross Disaster Assistance Team.
- **NEW MEMBER**: Chester D. Pike, KE6ZWR, is a Technician who also likes target shooting. He lives at 2560

Carmelita Wy., Pinole, CA 94564. His phone is 223-2284. Welcome!

- **NEW MEMBER**: Bob Blaisdell, KF6ABG, is also a recent Technician who has joined EBARC. He likes UHF, VHF, backpacking, and skiing. His phone is 524-5092, and he lives at 524 Evelyn Ave., Albany, CA 94706.
- **NEW MEMBER**: Donald K. Hamma, KE6ZFP, is a Technician who has recently joined. He lives at 330 Ramona Ave., El Cerrito, CA 94530. His phone is 526-6823. Besides 2M hamming, he likes cycling, hiking, cars, and trains. Welcome, Don!

Renew! Renew! Renew!

Check the front of this issue of *The Blown Fuse*. If yours again has a red sticker saying, "Friendly reminder: payment is overdue," our records show that you probably haven't renewed your EBARC membership for 1996. To renew, contact EBARC Treasurer Gordy Parsons, NU6W, at (510) 785-4290. You won't receive the March issue of the *Blown Fuse* or have your name in the 1996 membership roster if you haven't renewed by mid-February!

Future Bay Area Events

- A slow speed (5 wpm) Code Class began Jan. 30th at the Kensington Community Center, Annex B. Classes are Tuesdays and Thursdays from 7 to 8 p.m. Class will end February 29th, just in time for the March 3rd ARRL VE test session (see below). For more info call Jamie Wasson 548-0606 (days) or Ivan Sturman 524-9021.
- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). Dates for remaining 1996 exams are; Mar. 3rd, May 5th, July 7th, Sept. 1st, and Nov. 3rd. Exams are held at the Alameda Contra Costa Blood Bank, 6230 Claremont Ave. (just east of College Ave.) in Oakland. Candidates should arrive at 9:00 a.m. The test fee is $6.05, except for Novice level tests, which are free. Upgrade candidates must bring their current license and any applicable CSCE forms, plus copies of same. All candidates must have a photo ID. For more information, contact Allen Smith, AA6UX, (415) 752-8783.

"X-rays are a hoax, aircraft flight is impossible, radio has no future"

Lord Kelvin (1824-1907)

David Brandon, KG6FR, has a supply of publicity folders for amateur radio in general, and EBARC in particular. He also has some holders for them. If you can put some of these in stores or other locations where potential hams might see them, please contact David at 845-9559.

1/24 Update: Mel Hurley, KC6FAW, will be going home from the hospital in a few days, feeling much better and glad to be out!

[The list of officers and nets is being omitted this month to save printing costs. The only difference from the January 1996 list is that Ralph Hall has returned as Club Station Chair. - Ed.]

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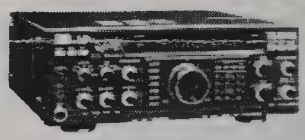

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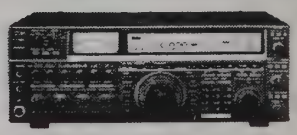

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 3

MARCH 1996

EBARC Meeting

March 8, 1996
7:00 p.m.

Gordy Parsons, NU6W
Bob Uhrhammer, WB6VEX
"Getting Ready for the Big One"

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Apr. issue: Mar. 26

[Articles can be submitted to the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon@tailored.com.]

Message from the President
Gayle "Burgie" Jones, KE6MSF

February was a productive month at our club station. I would like to begin by thanking Fred, KC6VLL; Jamie, AB6WJ; Liz, KO6XP; Doug, N6JNK; Larry, N6HPX; Jim, AA6ZA; John, WD6GGC; Roger, KE6SZG; Robert, KE6DVT; and Ralph, W6EFD. I sincerely appreciate all of you making our work party a great one. I am looking forward to the next one.

The club has a Kenwood TR-7400 2-meter rig that had no PL capability. This prohibited working any repeater that is in PL. John, WD6GGC, donated a COMM.SPEC PL board, which has now been installed in the 7400. Thanks, John, for upgrading our club's Kenwood.

Don't forget our crab feed at the end of this month. Get your money to Fred on time, so he can take a head count. Bring friends and family. I look forward to seeing you.

Just a reminder. We have had several club station orientations this month for those members who wish access to the station. Orientation is available by calling Ralph, W6EFD.

I hope to see you all at the March meeting.

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W6CUS Club Station Report
Ralph Hall, W6EFD

Our work party was a lot of fun. We put up antennas, put stepping stones in the ground, and put up an anti-climb fence around the crank-up tower. A lot has been accomplished this month at our club station. I would like to thank Fred, Jamie, Liz, Roger, Doug, Larry, Jim, John, Robert,

and "Burgie" for coming out on Saturday the 10th, and making it a great work party!

Treasurer's Report
February, 1996
Gordon Parsons, NU6W, Treasurer

FEBRUARY INCOME

New Members: Kenneth Astl, KE6ZWP; Kevin Jones, KE6VQI; and Charles Haller, KE6ZWX	$60.00
Returning Former Members: Larry Fields, N6HPX; Steve Sturges, KK6WP; and John Rasmussen, W6WXO	60.00
New Family: Peter & Marion Millar	24.00
Regular Renewals: W6JRZ, KE6FGM, KA6OHW, KD6JCT, AC6QE, WA6FDF, KD6AGA, KD6WNM, KK6IJ, KC6ONS, N6IHU, and KE6NKZ	240.00
ARRL Renewal: WB6DOB	125.00
Coffee Kitty	23.00
Station Fund Donation	13.75
Scratcher Sales	50.00
Total February Income	$595.75

FEBRUARY DISBURSEMENTS

Blown Fuse Printing	$54.12
Blown Fuse Postage	39.04
City of Albany (room rental)	40.00
City of San Pablo (room rental)	180.00
Refreshments (R. Nelums)	7.94
W6CUS Projects (R. Hall)	105.50
Postage Stamps (R. Nelums)	32.00
Scratcher Tickets (R. Parker)	18.67
ARRL Renewal (W6DOB)	65.00
AT&T (W6CUS)	5.55
Pacific Bell (W6CUS)	17.62
Total Feb. Disbursements	$565.44

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$953.39
Savings (Station Fund*)	$729.12

*$299.89 belongs to the station fund. The $429.23 balance belongs to the general fund.

80% of the 1995 membership has paid its dues for 1996. This means we have 100 members, as of this date. WE need to bring back those unpaid members, if possible, and we need to attract new members to regain our strength.

Remember to feed the Kitty.

General Meeting Minutes
February 9, 1996
John Percival, Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:33 p.m. by President Gayle "Burgie" Jones, KE6MSF. Burgie welcomed members and guests to this meeting held at the Albany Senior Center. The minutes of the January general meeting were accepted as printed in *The Blown Fuse*.

GUESTS: Larry Fields, N6HPX, has rejoined us as a member. Welcome back Larry.

TREASURER: Gordy Parsons, NU6W, reviewed his January report of income, expenses, and account balances. He mentioned that work will start soon on our tax return for 1995. Although we do not pay taxes, a return must be filed. Gordy said about 75% of our members have paid 1996 dues thus far.

RAFFLE NEWS: Rich Parker, KD6JCT, said we have two special prizes tonight; an ARRL Repeater Directory and the ARRL Operating Manual.

RACES/ARES: Rich KD6JCT, reported on the training exercise held in January and he said a traffic handling training session is being planned for some time in April.

FUND RAISING: Fred Nieman, KC6VLL, said the "Entertainment Book" of discount coupons good for dining and other entertainment, is still available through our club for $40. The Club receives $8 for each one sold. Fred announced that a "Crab Feed" has been set up to raise funds for continued support of Club Station projects. The event will be on Saturday, March 30th (7 p.m.) at Maple Hall in San Pablo. This is at the City Hall at Church Lane and San Pablo Ave. Members have been sent information and tickets to sell at a cost of $20 per person.

CLUB STATION: Ralph Hall, W6EFD, reported that members may now obtain a key for access to the Club Station after they go through an orientation session with him. He said this training takes about one to one and a half hours. Ralph said a work party will be held at the station this Saturday (Feb. 10th) starting at 9:30 a.m. He outlined antenna projects and the laying of stepping stones from near our entrance to the paved area in back.

ANNOUNCEMENTS: David Brandon, KG6FR, said he will lead an operation in the ARRL School Club Roundup at Jefferson School, Berkeley, again this year. The operating will be in the mornings of Feb. 13, and 14. NALCO ARES has a project to wire local schools for Internet access. Guest Norm Hardin from Ohio spoke about the Dayton Hamvention that will be held May 17-19. Jamie Wasson, AB6WJ, reports that the Code Class is going well, with 13 students continuing after five class sessions. Kham Villaikam, said he has a new callsign (again!). It is AC6SA.

FIELD DAY: Chairman Ray Gillett, KF6FU, reminds us that we should start planning now. He is interested in trying computer logging this year and asked people to let him know if they are familiar with some of the many logging programs available.

PROGRAM: After our refreshment break, David Brandon introduced guest speaker Bill Rausch, AA6PA, Coordinator for AMSAT, who spoke about the Phase 3D satellite project. He presented an interesting history of past amateur satellites. Bill described many of the great technological advances of the new project. He said that when Phase 3D is in orbit, it will make satellite operation "mainstream" rather than a specialty for technical experts. After the interesting talk and question/answer period, David presented Bill with a Club certificate of appreciation.

The meeting was adjourned at 9:36 p.m. for raffle drawings.

Hams to Help Wire the Berkeley Schools

David Brandon, KG6FR

As we learned from John Rasmussen, W6WXO, at the February meeting, Internet service to the Berkeley schools will be provided via digital phone lines. This is part of a larger national effort. If you can help on March 9, please contact John of the NALCO/ARES group (jorasmussen@lbl.gov; 527-8790). You may also wish to check with your local school district about activities there. We welcome John back as a new member of EBARC, after a lapse since meeting at Hilltop.

Spring EBARC Programs
David Brandon, KG6FR

Our focus for March and April will be emergency preparedness. In March, Gordy, NU6W, will introduce the latest Red Cross video on dealing with earthquake-related disaster relief and Bob, WB6VEX, will brief us on the latest professional thinking on the future of the Hayward, San Andreas, and other local faults. In April, Jerry Boyd, KG6LF, Section EC and Martinez Police Chief, will speak to us on emergency communications. We will also have representatives from local ARES groups, etc. give brief updates on their activities. By April, we will have a one-page fact sheet available with the contact information you need to volunteer your services for disaster relief and communications.

In May, some time will be devoted to Field Day, and, of course, the entire June meeting will be given over to Field Day preparation. In addition to the FD planning, there will be a program in May, and I am attempting to organize a "Hints and Kinks" type of meeting. The subject is "tips for the new ham or old-timer." I'm thinking about some construction techniques, programming HTs, and logging software. Club members who can contribute their 2 cents worth are urged to get in touch with me. As always, I urge you to take a minute or two of our meeting time to acquaint your fellow members with recent ham activities or solicit help in solving a problem.

School Club Roundup Report
David Brandon, KG6FR

Once again, EBARC sponsored the station at Jefferson School, now a reconfigured K-4 elementary school, in Berkeley. The operation began with the setup of an R7 antenna on the roof on Monday, 12 February, with station operation beginning in the library Tuesday afternoon (after the Day of Remembrance program to recall the internment of Japanese Americans during World War II). Operation was about 2 hours on Tuesday, and about 4 hours on Wednesday and Thursday. All official contest contacts were made on 20 meters phone. For most of the operation, 2-4 students at a time from the various grade 3/4 classes spent 20 minutes or so in the "shack" either answering CQs, calling "CQ School Club Roundup," or otherwise establishing contacts. Some whole classes had demonstrations, during their regular weekly visit to the library. Most sessions were rewarded with a contact.

My favorite contacts were with Mike, KL7XK, in Gustavus, Alaska, and Ken, KG6JJH/KH6, on Kauai, Hawaii. Mike spent lots of time answering an endless stream of questions about the fauna, flora, and climate of coastal Alaska. Not only does he have two school-aged daughters, but also leads a ham radio club at their school. With another group of kids, Ken patiently described many details about the geology and climate of Hawaii. Thanks, too, to Bob, operating WA6VOI aboard the USS Pampanito, the submarine docked in San Francisco, who gave us a lesson on naval history. His QSLs, including lots of information about the sub, have already been received. Addressed individually to the students he spoke with, they are much appreciated. All in all, we worked 15 states and 9 schools during this Field Day-like operation. We heard quite a bit of DX and a number of other schools. I considered working a school in St. Johnsbury, VT (enough of a challenge), and found it heart-warming to hear very young voices on the air from some of the schools.

I wish to thank Club members Sam Watson, N6VIF; Fred Nieman, KC6VLL; and EBARC itself for the loan of antenna, tripod, and coax/guy ropes, respectively. The assistance of parent Mori Achen with antenna setup and removal was very much appreciated.

[The following message was received from Martha Hurley on 2/2/96 - Ed.] "Mel and I both are most grateful for the get-well wishes in many forms which have come from the Club this past month. The flowers followed Mel around for several days, and all the cards, visits, and phone messages have reminded us both how much the Club means to us. Today Mel is still resting in bed, but wanted me to read the bulletins to him, which I have just done. I would rather make cookies than operate a radio, but the family gave me a modem for Christmas, and I am read for e-mail any time!" *[Martha, what's your e-mail address? - Ed.]*

EBARC Roster Update
Sharon Primbsch, AA6XZ
Membership Chair

- **CALL SIGN CHANGE**: Kham Villaikam has another new call sign, AC6SA!
- **RENEWAL**: Graeme Welch, W6JRZ, extra class license, 1020 Oxford St., Berkeley, 94707, phone is 525-8564
- **RENEWAL**: Dan Seifers, KE6FGM, Tech+, 1291 Sanderling Island, Pt. Richmond, 94801, phone 232-0150
- **LICENSE CLASS**: Kevin Jones, KE6VQI, has a Technician license

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EBARC thanks Vern Orme, AA6YE, and Xerox Corporation for printing the 1996 Roster. It saved EBARC lots of money!

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). Dates for remaining 1996 exams are; Mar. 3rd, May 5th, July 7th, Sept. 1st, and Nov. 3rd. Exams are held at the Alameda Contra Costa Blood Bank, 6230 Claremont Ave. (just east of College Ave.) in Oakland. Candidates should arrive at 9:00 a.m. The test fee is $6.05, except for Novice level tests, which are free. Upgrade candidates must bring their current license and any applicable CSCE forms, plus copies of same. All candidates must have a photo ID. For more information, contact Allen Smith, AA6UX, (415) 752-8783.

Crab Feed March 30th

The Crab Feed at Maple Hall in San Pablo benefits the W6CUS Club Station. Crab, pasta, and salad will be served. There will be a no-host wine and beer bar. Be sure to return your money and extra tickets to Fred Nieman, KC6VLL, by March 15th. Fred also has extra tickets, if you need more! If you can help tend bar, set up, clean up, or serve, please contact Fred. We'll have a raffle as an extra fund-raiser. Please bring items to donate to the raffle. Donated prizes need not be ham-related, and the more items that are donated, the more money we raise. See you there!

Wear your badge to EBARC meetings!

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1995 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Mel Hurley KC6FAW, Member-at-Large 526-2868
Doug Cain N6JNK, Member-at-Large 237-3294

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		145.51s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

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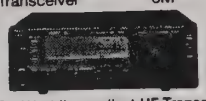

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QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 4

APRIL 1996

EBARC Meeting

April 12, 1996
7:00 p.m.

Jerry Boyd, KG6LF
"New Trends in Amateur
Radio Communication"

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB, INC.
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for May issue: Apr. 23

[Articles can be submitted to the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon@tailored.com.]

Vanity Call Sign News

It appears that the FCC has done it again! In its effort to get more money for operating expenses, the FCC is charging extra for vanity call signs that are related to your occupation or hobby. Here are some examples of recently-issued call signs.

AC0RN and NA1L were issued to two podiatrists. AC1DIC was issued to a chemist, and a cosmetologist colleague got AL0E. A zookeeper's new call sign is W0LF, and KR0W is his birdwatcher friend. A local park ranger is N8TUR. AB8TE is an air quality officer's new call sign. A symphonic violinist received N0TE, while her friend, the percussionist, received NO1SY. K9YIP was assigned to a local sheriff who works with his German Shepherd. The sheriff's friend, a detective, now has call sign KR1ME. WR1TE and WR0NG were assigned to twins who always argue. W8TR serves patrons in the restaurant of his Portuguese boss, AZ0RES. Their pasta maker's call sign is NO0DLE, and the polenta chef's is K0RNY. Their wine steward, of course, is W1NO...

I guess, as hams, we should always KN0W what the FCC does, so we can be N2IT and N4MBD. N0NE of us can KN0W what will happen next. We can only W8TE and W1SH that the FCC will stay K0OL, be N1CE, and continue to let us W0RK those bands!

73s DE APR1L F0OL

[Thanks to Henry Primbsch, KK6PH; Art McLaughlin, W6THD; Jamie Wasson, AB6WJ; Kit Chantarotwong, KB6JZM; Liz Charlton KO6XP; Bob Uhrhammer, WB6VEX; and Greg Small, KD6SXH for providing ideas for this article - Ed.]

Message from the President
Gayle "Burgie" Jones, KE6MSF

Hello everyone. Well, Spring is already here, and Summer is coming upon us very quickly. I look forward to the end of June because that is Field Day, and we will be talking about Field Day soon at our monthly meetings.

We will be having a work party at the Club Station on Saturday, April 27th at 9:30 a.m. We have many projects that need to be done, so we will announce which project we will tackle at the April meeting. I hope to see all of you who can join us at the work party. It's a lot of fun, and we always seem to learn something new.

Hope to see all of you at the monthly meeting.

Treasurer's Report
March, 1996
Gordon Parsons, NU6W, Treasurer

MARCH INCOME

New Members: David Sheppard, KE6ZYY $20.00

Returning Former Members: Phil Wong, WA6ODB; Sue Ludemann, KA6SOC; Kit Chantarotwong, KB6JZM; Sam Watson, N6VIF; and Art McLaughlin, W6THD 100.00

ARRL Renewals: John Reynolds, KC6JCQ; and Bruce Wexler, K3MHD 56.00

Coffee Kitty 22.50

Station Fund 23.80

Scratcher Sales 62.00

Total March Income $284.30

MARCH DISBURSEMENTS

Blown Fuse Printing $40.27

Blown Fuse Postage 32.96

AT&T (W6CUS) 5.55

Pacific Bell (W6CUS) 16.35

ARRL Renewals (K3MHD, KC6JCQ). 52.00

City of Albany (room rental) 40.00

Post Office Box Rental 40.00

Encoder (R. Hall) 28.95

Blown Fuse Labels (S. Primbsch) 27.02

Total March Disbursements $283.10

BANK OF THE WEST ACCOUNTS

Checking (General Fund) $868.79

Savings (Station Fund*) $814.92

*$429.23 belongs to the General fund.

Be sure to renew your ARRL membership through our club. The club gets $2.00 for each renewal. The club will also get $5.00 for each new member in the ARRL. See the Treasurer (me) for an application.

Remember to feed the Kitty.

General Meeting Minutes
March 8, 1996
John Percival, Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:31 p.m. by President Gayle "Burgie" Jones, KE6MSF. Burgie welcomed members and guests to this meeting held at the Albany Senior Center. Second Vice President Roger Nellums, KE6SZG, mentioned the special birthday cake for our refreshments at this meeting. (Happy Birthday to Burgie!)

GUESTS: Mike Ferris; Richard Gleason, WA6HYS; Hal Jensen, KC6GYU; and Richard Kerbavaz.

SECRETARY: John Percival, WI6O, pointed out the Attendance Roster question asking members to indicate if they are members of the ARRL. In order to continue our status as an ARRL Affiliated Club, we need to determine that at least 51% of our members belong to ARRL. The minutes of the February General Meeting were accepted as printed in The Blown Fuse.

TREASURER: Gordy Parsons, NU6W, reviewed the February report of income, expenses, and account balances.

RACES/ARES: Rich KD6JCT, reports there will be a RACES training session Saturday, March 23rd at 525 Henrietta in Martinez. There will be a Simulated Emergency Test (SET) on Monday, March 25th. He reminded members to check in on the Thursday night net, 6:45 p.m. on the 145.110 repeater, or simplex on 147.470 MHz.

EDUCATION: Henry Primbsch, KK6PH, reports that all those who stayed to the end of the code class and took the exam were successful. There were 21 in attendance at

the VE session. Burgie announced that Liz Charlton, KO6XP, has become a volunteer examiner.

CLUB STATION: Ralph Hall, W6EFD, reported that two of the Club's 2-meter radios that lacked PL have had add-in boards installed. Ralph explained how switches were added to set the desired PL tone, with a listing of the switch patterns in the manual kept with each rig.

CRAB FEED: Fred Nieman, KC6VLL, reminded members that next Friday, March 15, is the closing date to buy tickets for the Crab Feed. The event, to raise funds for Club Station projects, will be held on Saturday, March 30th (7 p.m.) at Maple Hall in San Pablo. Tickets are $20 per person.

ANNOUNCEMENTS: Woody Mertens, N6LFW, said he has been helping with a project to install computer wiring in local schools for internet access. He asked if anyone could help at Jefferson School in Berkeley on Saturday, March 9th. The next work party at the Club Station is planned for Saturday, April 27th. Kham Villaikam, formerly AC6SA, has another new callsign. It is AC6SW.

PROGRAM: After the refreshment break, Gordy Parsons, NU6W, began a presentation on earthquake safety and preparedness. Gordy, who has been an EBARC member since 1973, explained how our club developed its' public service orientation in the late 70's and early 80's. EBARC members participated in emergency communications after the '83 Coalinga quake and the '85 Mexico City quake. The talk was based on a Red Cross Disaster Services workbook called "Living With Earthquakes." A 4-part video tape covered the Causes & Effects of Earthquakes, what to do *during* a quake and *after* a quake, and how to prepare for earthquakes. Gordy spoke further about preparedness and answered questions. Robert Uhrhammer, WB6VEX, then spoke about the past and potential future activity on the Hayward and other local earthquake faults. He also described the designs of bridge and overpass structures in the Bay Area and how well they tolerate earthquakes.

The meeting was adjourned at 9:36 p.m. for the drawings.

THE BASE STATION

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The MS Walk, April 14th

The Northern California Chapter of the National Multiple Sclerosis Society is holding the "MS Walk for Multiple Sclerosis" on Sunday, April 14th. It's part of a nationwide effort with an expected total participation of 200,000 people. There are 5 and 15 kilometer routes. Check-in for

walkers starts at 8:30 a.m., and the walk starts at 9:00 a.m.

Oakland ARES is helping with amateur radio communications at this Alameda beachfront event. If you'd like to be put on a list of extra operators, please contact Rich Parker, KD6JCT, at 237-2777. For more information about pledges, prizes, and registering to be a walker, contact the MS Society at 510-268-0572. *[Thanks Robin Fraatz, KE6MRH, for telling us about this worthy cause!]*

ARES/RACES News
Rich Parker, KD6JCT

For our Thursday night ARES/RACES net at 6:45 p.m., we now use simplex frequency 147.570 MHz. If you can't be heard on simplex, use the 145.110 MHz repeater.

On April 25th, a Simulated Emergency Test has been tentatively scheduled. For more information, check in to the ARES/RACES net or call me at 237-2777.

EBARC Program Notes
David Brandon, KG6FR

Jerry Boyd, KG6LF, Section EC and Martinez Police Chief, will speak to us at our April meeting. You won't want to miss Jerry's unique perspective as Section Emergency Coordinator and as a leader in law enforcement. He'll also present a brand new video on emergency communications. Information and updates from various local ARES/RACES groups will also be available.

In May, some meeting time will be devoted to Field Day. However, volunteers are still needed to help fill out our May program on "Hints and Kinks." The subject is "tips for the new ham or old-timer." We'd all like to hear about some construction techniques, programming HTs, and logging software. Won't you tell us and or show us how you solved a ham radio problem? Your idea need not be elaborate. Please contact me, your Program Chair, at home, 845-9559, or at work, 559-5783 (leave a message on the machine if necessary).

The entire June meeting will dedicated to preparing for July's Field Day. Roll up your sleeves and bring on the batteries, tents, and good cheer!

For Sale / For Free
Joe Lee, WB6DOB

I'm currently taking orders for yellow, EBARC logo golf shirts (call for pricing). For $11, I also have one size XXL shirt which has been misprinted (you could mask out the name). For free, the first person who asks for it can have a radio mount which is suitable for under a bench seat or between bucket seats in your car. For more information, contact me at 724-0533.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). Dates for remaining 1996 exams are; May 5th, July 7th, Sept. 1st, and Nov. 3rd. For more information, contact Allen Smith, AA6UX, (415) 752-8783.

EBARC Roster Update
Sharon Primbsch, AA6XZ
Membership Chair

- **RENEWAL**: Sue Ludemann, Extra, KA6SOC, 6815 Del Monte Ave., Richmond, 94805, 234-0717.
- **RENEWAL**: Kit Chantarotwong, KB6JZM, General, 800 Maison Way, Richmond, 94894, 222-1810.
- **RENEWAL**: Art McLaughlin, W6THD, Extra, 91 Evergreen Lane, Berkeley, 94705, 841-7223.
- **RENEWAL**: Phil Wong, WA6ODB, General, 3014 Nichol Ave., Oakland, 94602, 532-5779.
- **RENEWAL**: Sam Watson, N6VIF, Technician, 3330 Morningside Dr., El Sobrante, 94803, 223-6408.
- **ADDRESS & LICENSE**: David Sheppard, is a Tech+ who lives at 715 Alhambra Rd., El Sobrante, 94803. *[Hey, David, What's your phone #?]*
- **UPGRADE & PHONE**: Robert Blohm, KE6ZWO, is now a Tech+. His correct telephone number is 232-9117 *[the membership chair never makes mistrakes]*.
- **UPGRADE**: David Brookman, KE6ZWS, is now a Tech+.
- **UPGRADE**: Kerry Brookman, KE6CWU, is now a Tech+.
- **UPGRADE**: Robin Fraatz, KE6MRH, is now a Tech+.
- **UPGRADE**: Ronald Smith, KE6HKQ, now has a General license.
- **NEW HAM**: Marion Millar is a new Tech+ with call sign KF6BYM.
- **ANOTHER NEW HAM**: Peter Millar is a new Tech+ with call sign KF6BYN.
- **ANOTHER NEW CALLSIGN**: Kham now has call sign AC6SW. *[yawn!]*

Wear your badge to EBARC meetings!

WRTC-96 Update
Charles Epps, W6OAT

World Radiosport Team Championship, Inc. (WRTC-96), is hosting the 1996 World Radiosport Team Championship competition. Fifty-two teams of top amateur radio contest operators from around the globe will travel to the San Francisco Bay area July 10-15, 1996 to compete. WRTC-96 plans to pay for their local lodging, meals, transportation, public events and awards during the week of the contest.

WRTC-96 has received initial commitments of financial sponsorship totaling over $50,000 from several individuals and businesses. WRTC-96 is now seeking additional donations in support of its projected $90,000 expense budget. To help, the Northern California DX Foundation has established a special account to receive tax-deductible donations of $100 or more from individuals. Donations to this account should be made by checks payable to NCDXF, but with the notation "WRTC-96," and mailed to the WRTC-96 Fund, NCDXF, P.O. Box 2368, Stanford, CA 94309-2368, USA. Donors to this fund will receive a one-year NCDXF membership.

WJET-TV, an ABC affiliate in Erie, PA, will produce a professional video of the event with the intent of airing it on network TV. A version of that video will be available to amateur radio clubs and individuals.

For information, contact me at 651 Handley Trail, Redwood City, CA 94062, or e-mail at epps@netcom.com.

Congratulations to Gordy Parsons, NU6W, for donating 10 gallons of blood to the Red Cross. *[not all at one time, we presume!]*

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1995 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Rich Parker KD6JCT, ARES/RACES EC - West CoCoCo. 237-2777
Rich's beeper number is: 980-9241
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Henry Primbsch KK6PH, Education Chair 741-8227
Vern Orme AA6YE, Social Committee Chair 233-4504
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Joe Lee WB6DOB, Awards Chair 724-0533
Ray Gillett KF6FU, Chair, Digital and RFI Committees 799-5221
Ray Gillett KF6FU (and helpers), Field Day Chair 799-5221
???, Historian .....
Fred Nieman KC6VLL, Member-at-Large 223-1748
Leo Lewis WA6ZFV, Member-at-Large 233-5034
Mel Hurley KC6FAW, Member-at-Large 526-2868
Doug Cain N6JNK, Member-at-Large 237-3294

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

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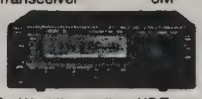

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 5 MAY 1996

EBARC Meeting

May 10, 1996
7:00 p.m.

"Hints and Kinks" and
Field Day Planning by
EBARC Members

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB, INC.
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for June issue: May 27

[Articles can be submitted to the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon@tailored.com.]

Message from the President
Gayle "Burgie" Jones, KE6MSF

Hello everyone. Well, another month has come and gone. We are getting closer to Field Day. If anyone is interested in helping during Field Day, please contact Ray, KF6FU.

Our crab feed was a success. We made a profit of about $1900. I would like to take this opportunity to thank each one of you personally for helping at the crab feed. It was wonderful to see everyone working together and enjoying themselves. All of our guests seemed to have a good time and plenty of food, and we had many donated prizes to choose from during the raffle. I'm so glad the "bingo bag" was finally won, Hi Hi. I would like to give a sincere and warm "thank you" to Fred and Audrey, who worked very hard planning for the crab feed. I know you've done several crab feeds, and every year you outdo yourselves. Thank you again Fred and Audrey for doing such a tremendous job!

The Club Station is in good working order. Access to the Club Station is still available with your own key assigned to you. Just call Ralph, W6EFD, and he will be happy to assign a key to you after orientation.

On Monday, April 22, Don McDougall, W60A, came by the Club Station and evaluated it for use by contestants during "World Radiosport Team Championship, WRTC-96" to be held July 13 & 14. If we are chosen, we will be notified by Don.

I hope to see you at the May club meeting.

Henry, KK6PH, and Fred, KC6VLL, stir up trouble

Audrey Nieman cleans up after the Crab Feed

Treasurer's Report
April, 1996
Gordon Parsons, NU6W, Treasurer

APRIL INCOME

New Members: Michael Ferris, KF6CDX; Kenneth Horne, KE6ZWN; Frank Olken, KE6NKY; Russ Bruno, KF6BYF	$75.00
ARRL Renewals: KG6FR, KF6FU	62.00
Crab Feed Receipts	1,667.52
Coffee Kitty	22.75
Scratcher Sales	52.00
Total April Income	$1,879.27

APRIL DISBURSEMENTS

Blown Fuse Printing	$43.63
Blown Fuse Postage	37.12
World Radio Membership	60.00
City of Albany (room rental)	40.00
Refreshments (R. Nelums)	11.25
AT&T (W6CUS)	5.55
Pacific Bell (W6CUS)	16.00
W6CUS Station (R. Hall deposit)	500.00
ARRL Renewals (KG6FR, KF6FU)	58.00
City of San Pablo (room deposit)	204.00
Total April Disbursements	$975.55

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$754.54
Savings (Station Fund*)	$2,012.89

*$429.23 belongs to the General Fund.

Remember to renew your ARRL membership through EBARC. The club gets a commission for each renewal. The $2 commission may not seem much, but what if everyone did it? It does add up!

Remember to feed the Kitty.

Visit the ARRL Pacific Division Home Page at http://www.pdarrl.org

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General Meeting Minutes
April 12, 1996
John Percival, Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:35 p.m. by President Gayle "Burgie" Jones, KE6MSF. Burgie welcomed members and guests to this meeting held at the Albany Senior Center.

GUESTS: Tom Baatar, JT1BY; Jerry Boyd, KG6LF; Pat Caftel; Rick Fitch, KC6HZS; and Joe Scali, KE6CTD.

PROGRAM: David Brandon, KG6FR, introduced our guest speaker Jerry Boyd, KG6LF who spoke about "Future Trends in Amateur Radio Communication." Jerry, Chief of Police for Martinez, is newly appointed as the East Bay Section

Rachel, KB6LHR, a real "winner"

Emergency Coordinator and has an extensive background in emergency services. The ARRL East Bay Section includes the counties of Alameda, Contra Costa, Solano, and Napa. Jerry stressed the importance of our Emergency Communication service activities in building support for Amateur Radio among lawmakers. The major trend that Jerry sees for amateur Radio is a shift away from close ties with public safety agencies as they develop more sophisticated communication technologies. He feels we may shift our emphasis to providing service to hospitals, schools, and similar groups. Jerry sees Packet, APRS, and ATV as valuable additions to our emergency service capabilities. Included in the program was a 7 minute video titled "When Disaster Strikes" which presented an excellent illustration of the emergency communication services that ARES and RACES organizations can provide. At the end of Jerry's talk, and question/answer session, David presented Jerry with an EBARC certificate.

SECRETARY: The minutes of the March General Meeting were accepted as printed in *The Blown Fuse*.

TREASURER: Gordy Parsons, NU6W, reviewed the March report of income, expenses, and account balances. Gordy said the proceeds from the Crab Feed are about $1,900.

RACES/ARES: Rich KD6JCT, reports there is a County SET planned for Thursday April 25th in Concord. Hams are needed to serve as "shadows" for public service agency personnel. There will be a shadow training session given on Saturday April 20th at the Concord Fire Training Center.

PUBLIC SERVICE: Robin Fraatz, KE6MRH, said there will be a Multiple Sclerosis Walkathon in Alameda on Sunday April 14th. Rich KD6JCT said help is still needed for the Grizzly Peak Bike Ride on Sunday, May 5th.

EDUCATION: Henry Primbsch KK6PH, reports there are no new classes lined up yet, but he reminded members about the VE License Exam session scheduled in May.

FIELD DAY: Ray Gillett, KF6FU, thanked those who signed up to participate in our Field Day outing (June 21-23). It is likely that we will be able to use the Berkeley Marina park again this year. Ray said there has been interest expressed in setting up an additional HF station this year. He also asked again if anyone has ideas or can suggest programs for computer logging of our contacts.

CLUB STATION: Ralph Hall, W6EFD, spoke about access to our Club Station, saying that about 15 keys have been issued thus far. He then described the projects lined up for the April 27th work party at the station. It was mentioned that the Red Cross will hold an Emergency

Shelter/Evacuation Exercise from 9 a.m. to 12 noon on that same day. It is not yet known if this will cause a problem.

NEW BUSINESS: Ralph, W6EFD, reported that we are now ready to resume work on the antenna tower project at the station. The tower needs new cables that will cost about $300, including shipping costs. The Board agreed to bring a request to the membership to allocate funds for this project. Ralph explained that addition expenses of about $200 are needed to build a support structure to enable lowering the tower for the work. Harry Bier, WA6TNI, made a motion to authorize up to $500 to be spent for the tower support structure and cable replacement project. The motion was seconded and passed.

ANNOUNCEMENTS: Fred Nieman KC6VLL, reported that member Will Nance, AA6VL, had a stroke and is in Alta Bates Hospital. Rachel KB6LHR, said or Club's "Home Page" is up on the World Wide Web. Kham Villaikam, formerly AC6SW, has another new callsign, it is AC6TJ.

The meeting was adjourned at 9:07 p.m. for the raffle drawings.

"Burgie," KE6MSF, First Female EBARC President

EBARC Program Notes
David Brandon, KG6FR

This month, we'll hear "Hints and Kinks" from EBARC members. A number of EBARC members will share their experiences in building small projects. Golden Gate Charlie will philosophize on the role of the junk box in ham radio and Ray Gillett will show off a very useful battery charger which *you* can build. A few construction techniques will be demonstrated. There's still time to reserve a spot for yourself in the program. Please don't be shy. We'll be reserving a few minutes for Ray to do some further planning for Field Day.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). Dates for remaining 1996 exams are; May 5th, July 7th, Sept. 1st, and Nov. 3rd. For more information, contact Allen Smith, AA6UX, (415) 752-8783.

Rich Parker, KD6JCT, *desperately* needs help with Emergency Coordinator duties. He's especially interested in having several people as the nucleus of a telephone tree, or to specialize in a geographic area. Let's support him, and lend a hand! Call Rich at 237-2777 or "beep" him at 980-9241.

EBARC Roster Update

- **NEW MEMBER**: Frank Olken, KE6NKY, P.O. Box 527, Berkeley 94701. He has a Technician license, and his phone is 843-5145. He likes VHF/UHF, database management, science fiction, books, and politics.
- **NEW MEMBER**: Russ Bruno, KF6BYF, is a Technician who lives at 4142 Bayo St., Oakland 94619. His phone is 530-1937, and he likes ARES/RACES.
- **NEW MEMBER**: Michael S. Ferris, KF6CDX, lives at 4483-E Appian Way, El Sobrante 94803. He's a Technician, and his phone is 223-7206.
- **NEW MEMBER**: Kenneth Horne, KE6ZWN, is a Tech+ who lives at 285 Lexington Rd., Kensington 94707. He's active in RACES, and is also a pianist, writer, and engineer. His phone is 526-8349.
- **PHONE**: The phone number for David Sheppard, KE6ZYY, is 223-6841.
- **ANOTHER NEW CALLSIGN**: Kham now has call sign AC6TJ. *[yawn!]*

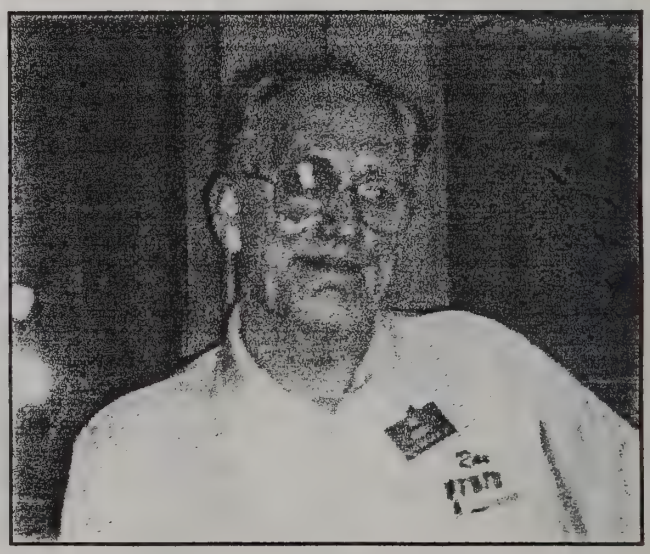
Interview: Will Nance, AA6VL
by Sharon Primbsch, AA6XZ

Will Nance, AA6VL, is recovering from a major stroke. He was only in the hospital two weeks, when most people with this severe a stroke stay three months. Will is also facing disc surgery in his neck, perhaps some time in late May or June, to correct a problem unrelated to the stroke. However, he's really sounding fine. Will is very focused on getting well, and is in great spirits, all things considered. Here's what he had to say.

"I'm walking with a tripod cane to support my left side, or a walker if I'm in a *big* hurry. My best therapy is to get behind my drum set and get it back together; the left hand is coming back slowly. I'm an absolute maniac at anything I do. It will take more than a stroke to keep me down. I'm looking forward to playing several future gigs with my group, the *Pacific Coast Jazz Trio*."

"I'm doing okay, hobbling along like an 85 to 95 year old man, but spending lots of time in the engineering and production end of my recording business. Some days are worse than others, but my left arm is getting stronger every day, and I walk, lift weights, and exercise every day. My advice is; never get too confident, and never take anything you do for granted. Hello to everybody. I hope everybody out there is jammin' on the airwaves. I appreciate the calls and visits."

Vern Orme, AA6YE, would like feedback from members about our social calendar. In particular, he'd like to know if members would like a boat ride and picnic on Angel Island this summer. He also wants to know members' preferences for a winter holiday party vs. a dinner. Call Vern at 233-4504.



Bartender and Field Day Chair, Ray, KF6FU

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1995 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Leo Lewis WA6ZFV, Member-at-Large 233-5034
Mel Hurley KC6FAW, Member-at-Large 526-2868
Doug Cain N6JNK, Member-at-Large 237-3294

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

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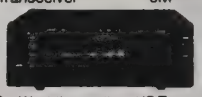

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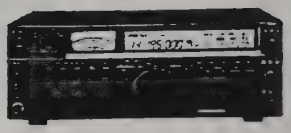

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QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 6

JUNE 1996

EBARC Meeting

June 14, 1996
7:00 p.m.

"Field Day Planning"

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for June issue: Jun. 25

[Articles can be submitted to the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon@tailored.com.]

Message from the President
Gayle "Burgie" Jones, KE6MSF

Hello everyone. Can you believe that it is already June? This is Field Day month, and what fun we are going to have. If you would like to volunteer during Field Day (June 21-23), please call Ray, KF6FU. We hope you'll be able to come out and join us. Bring your family and friends. We'd love to see you all.

On Saturday, April 27th a work party was held at the Club Station. We had a good turnout. I would like to personally thank Mike, KF6CDX; Doug, N6JNK; Jack, KA6OHW; Henry, KK6PH; Peter, KF6BYN; Marion, KF6BYM; Peter, KB6WC; Roger, KE6SZG; and Ralph, W6EFD. You all did such a good job. Without you, we could not have completed the projects we set out to do. Thank you all again very much. I would like to thank Mom, Molly Hall, for making homemade lasagna and garlic bread. It was delicious.

I would also like to take this opportunity to thank Ralph, W6EFD, our Club Station Chairman. Ralph has been working very hard preparing for our next work party, which will be Saturday, June 15th, for the changing of the cables on the crank-up tower. I would like to thank you, Ralph, for your dedication to our club station, and for the time you have spent for preparing for our next work party.

Jamie AB6WJ, was in an automobile accident Tuesday, May 21st. Jamie, we hope you recover quickly from your accident. You are in our thoughts and prayers daily. Get well soon.

Hope to see you all at the June meeting, 73s.

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Treasurer's Report
May, 1996
Gordon Parsons, NU6W, Treasurer

MAY INCOME

Coffee Kitty	$11.80
Station Fund	7.25
Field Day Patch Sales	13.00
Raffle Ticket Sales	56.00
Crab Feed Deposit Refund	350.00
Total May Income	$448.05

MAY DISBURSEMENTS

Blown Fuse Printing	$39.40
Blown Fuse Postage	40.32
Polaroid Film (R. Parker)	13.52
City of Albany (room rental)	40.00
Field Day 1996 Supplies (R. Gillett)	200.00
Certificates (D. Brandon)	14.80
ARRL Overpayment (J. Lee)	69.00
Pacific Bell (W6CUS)	17.05
AT&T (W6CUS)	5.55
Total May Disbursements	$439.64

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$699.70
Savings (Station Fund*)	$2,076.14

*$429.23 belongs to the General Fund.

We still have a few Field Day patches (from prior years) for sale. See me for the patches. They make rookies look like long-time members, when worn on your new club jacket! Remember to pay your fair share for food and drinks at Field Day 1996.

Remember to feed the Kitty.

EBARC Roster Update

- UPGRADE: Chester Pike, KE6ZWR, recently upgraded to General.

W6CUS Club Station
Ralph Hall, W6EFD

I would like to thank everyone who joined us on Saturday, April 27th at our work party. We had a good turnout. The 220 ground plane antenna was installed on an experimental basis, and the R7 vertical antenna was raised, the stepping stones were raised, and we placed operator ID numbers at each work station, and put plywood down on the attic floor. Every project worked on is greatly appreciated. Thank you all again. 73s.

General Meeting Minutes
May 10, 1996
Sharon Primbsch, Acting Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:30 p.m. by President Gayle "Burgie" Jones, KE6MSF. The meeting was held at the Albany Senior Center.

SECRETARY: The minutes of the April General Meeting were accepted as printed in *The Blown Fuse*. Secretary John Percival was not present.

ANNOUNCEMENTS: Sharon Primbsch announced that Ron Smith, KE6HKQ is the newest addition to EBARC's ARRL-VE team. Henry Primbsch announced that a General upgrade class will be given some time starting in July. Gordy Parsons has EBARC Field Day patches available for $2 and $3. Members can contact David Brandon if they're interested in helping Berkeley Police with fire prevention patrols. Sam Watson asked for volunteers for Richmond's Senior Citizen Day May 21st. Doug Cain will do a CW demo, and Sam Watson will do a VHF/UHF demo. Nobody

was available to help with a request from Oakland for assistance with their Senior Citizen's Day, Wednesday June 12th 10 a.m. to 2 p.m.

TREASURER: Gordy Parsons, NU6W, reviewed the April report of income, expenses, and account balances as printed in *The Blown Fuse*.

RACES/ARES: Rich KD6JCT, reminded RACES members to sign the 1996 oath. There was a discussion of whether EBARC pays ARES/RACES expenses (e.g. Polaroid film). Leo Lewis reminded the club that this sponsorship has been in effect for some time, as part of EBARC's Memo of Understanding with the Red Cross. Rich reported that 19 hams participated in the Grizzly Peak Bike event, and it went very well. Rich announced that on June 1st, Weblos scouts are having a walkathon in the Berkeley and El Cerrito hills. He asked for volunteers for this 8 a.m. to 8 p.m. event.

CLUB STATION: Ralph Hall, W6EFD, spoke about the April work party at our Club Station. Approximately ten people participated. The stepping stones have been re-seated. The R7 vertical antenna has been raised 42", and its ground plane elements are no longer at eye level. The base of the R7 is a little sloppy and may need more work later. A ground plane antenna for 220 MHz packet was fashioned. It seems to work fine, and will be re-mounted. the VHF/UHF room now has tags for all operating positions. The HF room still needs tags. Mike, KF6CDX, put lots of plywood above the HF room in the attic (on the very hot work party day)! A future work party (not yet scheduled) will be for re-stringing newly purchased cables on the crank-up tower. A structure is currently being built to lay the tower down for the re-stringing. Ralph reminded us to see him for training in order to get a key to the W6CUS station. We haven't yet heard if the Club Station will be used by a team for the World Radiosport Team Championship this summer. The WRTC-96 evaluation team has visited and will be reporting back to those who make the decision.

PROGRAM: David Brandon, KG6FR, hosted our "Hints and Kinks" program. John Billiones talked about "The Role of the Junk Box in Ham Radio," and demonstrated a homebrew Wheatstone Bridge. Ray Gillett, KF6FU, presented a pulsed battery charger he had built. Bob Uhrhammer discussed the many uses for Wheatstone Bridges in ham gear. David Brandon discussed several designs for J-pole antennas. During the break, several members built a J-pole from "scratch." They later tuned and calibrated it.

FIELD DAY: Ray Gillett, KF6FU, led a discussion of Field Day (June 21-23) planning. He's still trying to get the use of Berkeley's Cesar Chavez Park again this year. He's not sure whether or not we will be required to pay a fee. To use the park, we must have no alcohol, amplified sound, and no vehicles on lawn areas. We must also not solicit money (except there will be a "kitty" for donations to pay for the food we eat). It's okay to bring in vehicles to load and unload, and it's okay to have an occasional vehicle run "shuttle" service. Rich, KD6JCT has volunteered to run the shuttle service and work with the Berkeley Police. Donna Gillett, Barbara Grazer, and Rachel Lewellen will coordinate the food. Roger Nelums will be the "power" captain, and the packet chair. Doug Cain (and perhaps also Jamie Wasson) will be CW chair(s). Greg Small is the Novice captain, and the Field Day co-chair (Ray will be out of town until late in the day on Friday, June 21st). Barbara Grazer will be publicity chair. Fred Nieman will be VHF/UHF chair.

John Percival will be SSB chair. Bob Uhrhammer will look into having a kite or helium balloon for an antenna support.

The meeting was adjourned at 9:35 p.m. for the raffle drawings.

WRTC-96 Update

Two exhibition teams have been added to the lineup of stations which will be active in connection with the World Radiosport Team Championship competition on July 13 and 14, 1996. Attending from the People's Republic of China will be BA1OK and BA4RC plus their coach/observer BA1FB. The PRC team will operate WRTC using the callsign AH3D. Attending from Latvia will be YL2KL and YL3CW who will sign AH3C in the competition. Although these two exhibition teams will not be competing with the 52 official teams (which will be using the 1x1 callsigns W6A through W6Z and K6A through K6Z), they nonetheless will be operating from relatively similar stations and generally observing the same rules as the 52 official teams. Anyone working AH3C or AH3D during the competition may count these stations as "wildcards" for the purpose of qualifying for the commemorative deck of WRTC playing cards available to those who contact all 52 different 1x1 WRTC callsigns. AH3C and AH3D may be substituted for any two 1x1 callsigns otherwise missed.

For additional information about WRTC-96, contact Rusty Epps, W6OAT at 651 Handley Trail, Redwood City, CA 94062, USA or via e-mail at epps@netcom.com You also may access the WRTC-96 Worldwide Web site at http://ourworld.compuserve.com/homepages/n6ip

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An Interview with Jamie Wasson, AB6WJ
by Sharon Primbsch, AA6XZ

I interviewed Jamie in Highland Hospital on Memorial Day. Six days previously, she had been hit by a car without brakes (and from which the driver had just "bailed out" and run away). After Jamie's car was hit on the left side, it rolled two and a half times, and the driverless "junker" car that hit her landed on top of Jamie's car, flattening Jamie's passenger compartment to about 2 feet high. This left Jamie pinned in and hanging upside down from her safety belt inside. After lifting the "junker" off of Jamie's car, and taking a half hour to cut Jamie out of her own car, emergency crews sent her to the hospital with internal bleeding, a broken collarbone, nine breaks in seven ribs, a shattered spleen, one collapsed lung, a scuffed aorta, and a scratched liver. Unbelievably, there was no spine, head, neck, or leg damage.

Jamie says, "I was in ICU for four days. Highland has a good trauma care team. I'm downright perky now that they've removed the tubes and monitors from me. I feel okay as long as I don't move too much. They just started feeding me real food today; I'm not sure if that's a step up or a step down. This is a colorful place. They'll boot me out of here pretty soon, and I'll be able to make 'phone calls." When I asked Jamie if she had any words for her fellow EBARC members, she said, "Thanks for your concern. Also, as a general rule, I recommend staying out of the way of cars without drivers."

At press time (Tuesday, May 28th), Jamie was arriving at Liz (KO6XP) Charlton's house for recuperation. Jamie... Hang in there, and get well quick!

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). Dates for remaining 1996 exams are; July 7th, Sept. 1st, and Nov. 3rd. For more information, contact Allen Smith, AA6UX, (415) 752-8783.
- Pacificon '96 will be held October 18th, 19th, and 20th this year at the Concord Hilton. Advance sale general admission tickets are $3 each. Tickets purchased at the door are $5 each. Friday will be an all-day antenna seminar ($7). Saturday has many events and vendors, in addition to a VE test session. There's a Saturday bus tour to the Great Mall at Milpitas for non-hams. The Saturday evening banquet features drama story writer Cynthia Wall (KA7ITT) and costs $32 each. At midnight after the banquet, there's the traditional Wouff-Hong ceremony. Sunday's Swap Meet, more sessions, and ARRL Forum are followed by drawings for prizes. For more information and tickets, write to Pacificon '96, P.O. Box 272613, Concord, CA 94527-2613, call (510) 932-6125, or send e-mail to pacificon@designlink.com.

For Field Day, EBARC can get an extra 100 points by originating twenty pieces of traffic. Joe Lee will be doing this for us. Please help by bringing a written message (25 words or less) to the Field Day site Friday evening or early Saturday afternoon. The message must be to somebody in the United States who lives at least 100 miles away. Be sure to have the full name, complete address, including the *zip code*, and the party's *area code and telephone number*. Contact Joe Lee, WB6DOB, at 724-0533 for more information.

EBARC Field Day 1996

Ray Gillett, KF6FU

EBARC Field Day 1996 will be held at Cesar Chavez Park on the Berkeley waterfront again this year. Our June 14th general meeting will be devoted to Field Day planning. Setup starts at noon on Friday, June 21st. Operations start at 11 a.m. Saturday morning and continue for 24 hours. We'll take everything apart at 11 a.m. Sunday. We need lots of help, equipment, and lots of operators. Everyone is encouraged to attend. For more information, call me at 799-5221.

---

2 meter and 70 cm Threat!

The US is preparing for the 1997 ITU World Radiocommunication Conference, WRC-97. One of the agenda items includes consideration of possible additional frequency allocations for the mobile-satellite service, little LEOs. The 144-148 and 420-450 MHz bands are on this list. This is a call to action. Please send civil, informative comments describing amateur radio and requesting protection of 144-148 and 420-450 MHz bands to: Cecily C. Holiday, International Bureau, FCC, Washington, DC 20554; choliday@fcc.gov; FAX (202) 418-0748. See the W6CUS-1 packet BBS messages 2514 and 2515 and http://www.pdarrl.org/ for more information and other addresses for letters.

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Rich Parker KD6JCT, ARES/RACES EC - West CoCoCo. 237-2777
Rich's beeper number is: 980-9241
Ralph Hall W6EFD, W6CUS trustee / Club Station Chair..... 232-0727
Henry Primbsch KK6PH, Education Chair 741-8227
Vern Orme AA6YE, Social Committee Chair 233-4504
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Joe Lee WB6DOB, Awards Chair..... 724-0533
Ray Gillett KF6FU, Chair, Digital and RFI Committees 799-5221
Ray Gillett KF6FU (and helpers), Field Day Chair 799-5221
???, Historian .....
Fred Nieman KC6VLL, Member-at-Large 223-1748
Leo Lewis WA6ZFV, Member-at-Large 233-5034
Mel Hurley KC6FAW, Member-at-Large..... 526-2868
Doug Cain N6JNK, Member-at-Large..... 237-3294

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" " " " " "	"	"		147.57s
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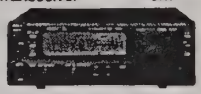

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CLUB STATION W6CUS

VOLUME XLIX NUMBER 7 JULY 1996

EBARC Meeting

July 12, 1996
7:00 p.m.

WRTC-96 Update
and
Allen Graham
"International Shorwave Broadcasting"

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. There will be no Executive Board meeting this month.

THE EAST BAY AMATEUR RADIO CLUB, INC.
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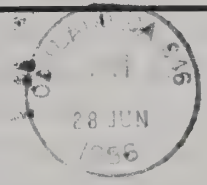

FIRST CLASS MAIL

Robert C. Hughes, N6SPY
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Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for August issue: July 23

[Articles can be submitted to the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon@tailored.com.]

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Message from the President
Gayle "Burgie" Jones, KE6MSF

Hello everyone. Well, it has been two days since Field Day and what a time we had!!! We had many guests and club members join us at Field Day. Liz and Jamie were able to come out and visit us. It was so nice to see them. You look great Jamie! Keep up the good work.

I would like to thank everyone for all their hard work, those that joined us in participating in the contest, and those who did the cooking and helped with the cleaning up afterwards. All the meals were delicious. Although Kit was unable to make it to Field Day this year, he and his wife were kind enough to make his famous chicken soup and send it out to Field Day for Saturday midnight. Thank you both very much. That was very kind of you!

There were so many people who volunteered to help take equipment out to the site on Friday and help set up. As tired as everyone was on Sunday, we still had volunteers to help take down the tents and equipment and bring it all back to the club station. I would like to thank each of you individually. This is what makes our club so great. We all work together so well. I really love being a part of this club!

I hope everyone has a fun and safe summer. Hope to see you all at the June meeting.

EBARC Roster Update

- NEW ADDRESS: Khamchan Vilaikam, AC6TJ, recently moved to 622 12th St., #B, Richmond CA, 94801.

General Meeting Minutes
June 14, 1996
John Percival, WI6O, Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:31 p.m. by President Gayle "Burgie" Jones, KE6MSF. Burgie welcomed members and guests to this meeting held at the Albany Senior Center. GUEST: Kasturi Lal, KD6WUP.

SECRETARY: The minutes of the May General Meeting were accepted as printed in *The Blown Fuse* with one correction noted. The fire prevention patrols were set up to assist the Berkeley Fire Department, not the Berkeley Police Department as stated in the minutes.

TREASURER: Gordy Parsons, NU6W, reviewed the May report of income, expenses, and account balances. Gordy said he still has for sale some of the Club Field Day Patches that were made for the Club's 40th anniversary in 1987 and 45th anniversary in 1992. The Board of Directors has decided to hold a design contest for a patch to commemorate the Club's 50th Anniversary next year 1997.

RACES/ARES and PUBLIC SERVICE: Rich, KD6JCT, reminded members that they need to sign the annual Oath of Allegiance form to remain current as a registered RACES member. Sam Watson, N6VIF, thanked those who helped at the Boy Scout Walkathon held June 1st in the Berkeley and El Cerrito hills. He offered special thanks to Paul Fry, KD6NRD, who helped during the full 12 hours of the event. Fred Nieman, KC6VLL, pointed out the value of publicizing our Public Service efforts as an example of the value of the Amateur Radio Service. Harry Bier, WA6TNI, added that membership in the ARRL is a good way to support Amateur Radio.

CLUB STATION: Ralph Hall, W6EFD, said that a Club Station work party had been set for this Saturday, June 15th. Since this will be the same day as the "Juneteenth" celebration at Nicholl Park, Ralph recommended that we not attempt the tower repair work on that day with all the crowds that are expected at the park. Harry Bier moved that we postpone the work party. The motion was seconded and passed. The work party will be rescheduled after Field Day.

MISCELLANEOUS: Burgie and Barbara, KD6OKJ, reported that Jamie Wasson, AB6WJ, is now home and doing much better recovering from injuries suffered in an auto accident on May 21st. Jamie hopes to spend some time at Field Day. Will Nance, AA6VL, was in attendance at the meeting and is doing well after his recent stroke. Will plans to help with the CW station operation at Field Day. John Billiones, WD6GGC, showed a homebrew version of the power supply/battery charger project that Ray, KF6FU, described last month. John said the cost was $5 using junk box parts. Sam Watson, N6VIF, said the El Sobrante Salvation Army plans to have some licensed hams soon and they are interested in setting up a 2 meter station. Sam pointed out that all new people are now in charge at the Salvation Army and they have no knowledge of the past association with EBARC. Ivan Sturman WB6PIV, said that a garage sale would be held this weekend to benefit a N.E.A.T. group in El Cerrito.

FIELD DAY: Ray Gillett, KF6FU, reviewed our plans for Field Day (June 21-23). Our permit to use the Berkeley Marina, Cesar Chavez Park, again this year has been obtained. Barbara, KD6OKJ, and Donna

Mae Gillett are leading the food committee. Barbara described the menu plan for the meals to be served between Friday evening and Sunday noon. She had a sign-up list for people to indicate snack and dessert items they can bring. There will be the usual information tent set up to greet and inform the public. Rich, KD6JCT, spoke about plans for the security team operation to help with parking and shuttle rides from the park entrance up to our Field Day tents. Rich asked for additional volunteers to help. Roger Nelums, KE6SZG, will be in charge of the generator, power distribution and lighting. Greg Small, KD6SXH, is the Field Day Committee Co-Chairman, and will be the Novice-Technician+ station captain. Doug Cain, N6JNK, will be the CW station captain and John Percival, WI6O, will be the SSB station captain again this year. Joe Lee, WB6DOB, said he has message forms to originate Field Day messages into the National Traffic System (NTS). The origination of messages will add points to our Field Day score. Ray said Field Day setup will begin at noon on Friday 6/21 and take-down will begin at 11 a.m. on Sunday 6/23. Volunteers will be needed to help at both of these times.

The meeting was adjourned at 8:56 p.m. for the drawings

Field Day '96 Follow-up
Ray Gillett, KF6FU

It was a successful Field Day. Thanks to everyone who participated and visited. Brad Wyatt, ARRL Pacific Division Director, visited. Jamie, still recovering from her auto wreck also visited for a while. Quite a few non-EBARC hams were there, especially 4Cs members. 77 hams signed the Field Day guest sheet. Results haven't been tallied yet. We did have solar power. We tried, but didn't get ATV or satellite contacts. Joe Lee handled traffic again this year. Computer logging was tried for the first time. The comments I heard about the logging were all positive. We might want to expand on it for next year. Tallying the contacts would be much easier.

The food crew made everything possible. Thanks to Barbara, Donna Mae, Rachel, Audrey, Fred. Kit provided the Saturday midnight rice soup, and Carmen Watson cooked the Sunday morning quiche. Several people brought desserts and goodies.

Rich Parker and his security crew also did a great job. The Friday setup and Sunday "stow it" crews were indispensable. Without them, Field Day would proceed from the picnic tables. I don't have scoring information yet, but I should know more at July's meeting. I look forward to next year.

July EBARC Meeting
David Brandon, KG6FR

W6CUS will host a 2-person team in the World Radiosport Team Competition. The contest will be held from 5 a.m. to 11 p.m. local time on Saturday, July 13th. At our July EBARC meeting we hope to visit with the team members and the local observer for the contest. We will learn how any HF operator can participate in this exciting event. In addition, Allen Graham will present a talk about international short wave broadcasting. He is the producer for HCJB, the Ecuadorian short wave station, familiar to listeners worldwide. For many of us, HCJB was one of the first DX stations we ever heard.

Class Info
Henry Primbsch, KK6PH

Since our excellent code instructor, Jamie AB6WJ, is still recovering from her car accident, we will have to hold off for awhile on the General upgrade class. The next class will have to be a Novice/Technician no-code class. We will announce it in the next *Blown Fuse*. Ivan, WB6PIV and I will hold some Saturday classes at the club station if there is interest. Enclosed is an interest response form. Please fill it out and give it to Ivan or me at the next meeting.

Name:_____

Phone:_____

I am interested in the following:

☐ Basic soldering techniques and tools
☐ Kit building
☐ QRP rigs
☐ Troubleshooting
☐ Using an oscilloscope
☐ Building antennas
☐ Other (please elaborate!):

☐ I am interested in helping to teach!

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday of every odd-numbered month (except holidays). Dates for remaining 1996 exams are; July 7th, Sept. 1st, and Nov. 3rd. Exams start at 9 a.m. at the Alameda/Contra Costa Blood Bank, 6230 Claremont Ave., (near College) Oakland. For more information, contact Allen Smith, AA6UX, (415) 752-8783.
- Pacificon '96 will be held October 18th, 19th, and 20th this year at the Concord Hilton. Advance sale general admission tickets are $3 each. Tickets purchased at the door are $5 each. Friday will be an all-day antenna seminar ($7). Saturday has many events and vendors, in addition to a VE test session. There's a Saturday bus tour to the Great Mall at Milpitas for non-hams. The Saturday evening banquet features drama story writer Cynthia Wall (KA7ITT) and costs $32 each. At midnight after the banquet, there's the traditional Wouff-Hong ceremony. Sunday's Swap Meet, more sessions, and ARRL Forum are followed by drawings for prizes. For more information and tickets, write to Pacificon '96, P.O. Box 272613, Concord, CA 94527-2613, call (510) 932-6125, or send e-mail to pacificon@designlink.com.

2 meter and 70 cm Threat!

Please read the editorial by David Sumner, K1ZZ, on page 9 of July's *QST*. It contains the story of the attempt by "little LEO" commercial interests to use the 2 meter and 70 cm bands. It asks that hams send polite, informative, and educational comments to the FCC (and *only* to the FCC) on this issue. E-mail comments should be sent to: ***wrc97@fcc.gov***. Send written comments, with an original plus one copy, to: ***Office of the Secretary, Federal Communications Commission, Washington, DC 20554.*** Each comment should include at the top, "Reference No. ISP-96-005" and "Advisory Committee Informal Working Group 2A."

Harry Bier, WA6TNI, wrote the following sample letter for 4Cs members. It is printed below so EBARC members can use it as a model for their own, personalized letters.

Dear FCC:

It was with utmost disbelief and dismay that I read about the proposal that would enable "little LEOs" to appropriate the 2-meter and 70 cm bands for commercial purposes. For those of us in amateur radio, this would be an unconscionable and devastating occurrence! The very heart of our radio activities would be destroyed!

As you should be well aware, it is on these bands that we conduct our community services. In the event of civil disasters such as earthquakes, floods, fires, hurricanes, explosions, train wrecks, etc., we provide important back-up communication for all emergency services, as well as for blood banks, medical aid, health and welfare, the Salvation Army, Red Cross, and other public disaster agencies.

The 2-meter and 70 cm bands are the most frequently used bands for amateur communications by voice, data, mobile and fixed, moon-bounced, and satellite services. They are also used for their invaluable communication function for community activities, such as the walkathons sponsored by the Heart Association, Lung Association, AIDS Relief, and other parades and gatherings. Amateurs establish valuable networks that enable them to function almost immediately on request. Surely these worthy activities cannot be ignored in favor of commercial enterprises.

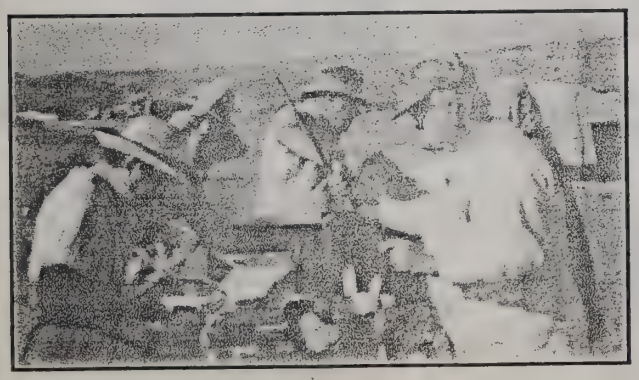
Let me point out that the amateurs who work the 2-meter and 70 cm bands are not just Sunday hobbyists. Most are dedicated and informed citizens with technical backgrounds and state-of-the-art radio equipment, who are ready to be of valuable community service. We have spent hundreds of hours in training and literally millions of dollars in equipment to enable us to offer a disciplined and ready support team whenever needed. As the bottom line, it is fiscally impossible for any community in these United States to assemble such a team of communication specialists and their equipment, which is offered without cost. I cannot be more emphatic when I urge you to consider these factors over commercial interests.

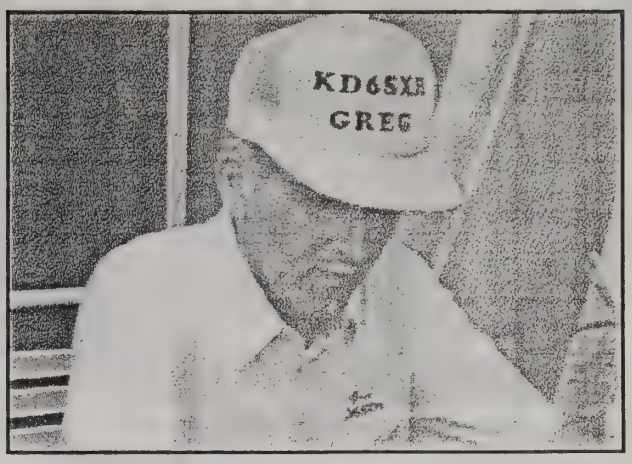
Respectfully yours,

If you have access to a WEB browser, see http://www.arrl.org/ and click on "Band Threat News." It's *full* of information.

WRTC 96 Social Events

Tickets to several social events associated with the World Radiosport Team Competition '96 are available. Many events have limited capacity, and most require that you purchase a ticket in advance. Events include a picnic on Wednesday, July 10th; a Thursday, July 11th tour of Silicon Valley (including lunch); a July 11th tour of San Francisco (including lunch); a dinner July 11th (showcasing Shell Oil emergency communications); an afternoon "beer bust" on Sunday, July 14th; the July 14th awards banquet dinner; and a Napa Valley wine tour on Monday, July 15th. Tickets are on a first-come, first-served basis, subject to some limitations. Most tickets must be purchased in advance. Contact Bruce Sawyer, AA6KX at aa6kx@worldnet.att.net for more information.





[Note: the list of officers usually printed on the inside back page has been omitted this month to provide room for Field Day pictures. It will return next month - Ed.]

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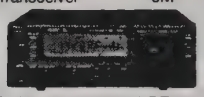

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QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 8

AUGUST 1996

EBARC Meeting

August 9, 1996
7:00 p.m.

Program to be announced
(It'll be good!)

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

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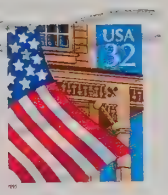

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Sept. issue: Aug. 27

[Articles can be submitted to the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon@tailored.com.]

Message from the President
Gayle "Burgie" Jones, KE6MSF

Hello everyone. Can you believe it is almost August? Where has this year gone?

We have had a pretty busy month at the club station. On July 7th, Jack, KA6OHW; Roger, KE6SZG; Ralph, W6EFD; and myself KE6MSF replaced the guy wires on the Red Cross Tower. It was very interesting since I had not had a hand in doing so previously. I thank you all very much for all your help.

July 13th our club station was one of many who hosted the WRTC '96 Contest. It was very exciting. Dmitry and Jerry, who were the participants, were from the Ukraine and Leon, who was the referee, was from Slovenia. I would like to thank Rich, KD6JCT, who was kind enough to spend the night at the club station Friday night with our participants. I would like to thank Paul, KE6NMJ; Doug, N6JNK; Roger, KE6SZG; David, KG6FR; and Ralph, W6EFD for taking different shifts so that someone was always at the club station in case the participants needed something. I would like to thank Barbara, KD6OKJ, and Donna Mae for bringing lunch for the gentlemen on Saturday. That was very nice of both of you. Thank you all again very much.

We haven't decided on a picnic place as of press time, but we are looking at several different areas that look interesting.

I hope to see you all at the August meeting.

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Treasurer's Report
June, 1996
Gordon Parsons, NU6W, Treasurer

JUNE INCOME

ARRL Renewal: N6VIF	$25.00
Field Day Patch Sales	5.00
Coffee Kitty	14.75
Station Fund Can	7.50
Raffle Ticket Sales	44.00
Regular Membership Renewal; AA6VL, KC6SLD	40.00
Total June Income	$136.25

JUNE DISBURSEMENTS

Blown Fuse Printing	$39.40
Blown Fuse Postage	36.40
City of Albany (room rental)	40.00
ARRL Renewal (N6VIF)	23.00
Pacific Bell (W6CUS)	15.73
AT&T (W6CUS)	5.55
Total June Disbursements	$160.08

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$675.87
Savings (Station Fund*)	$2,076.14

*$429.23 belongs to the General Fund.

Treasurer's Report
July, 1996
Gordon Parsons, NU6W, Treasurer

JULY INCOME

Coffee Kitty	$12.00
Station Fund Can	7.50
Special Donation	9.00
Field Day Food Donations	177.00
Total July Income	$205.50

JULY DISBURSEMENTS

Blown Fuse Printing	$41.95
Blown Fuse Postage	36.48
AT&T (W6CUS)	5.55
Pacific Bell (W6CUS)	16.35
Total July Disbursements	$100.33

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$781.04
Savings (Station Fund*)	$2,076.14

*$429.23 belongs to the General Fund.

We did very well donating for our food money on Field Day, almost an 80% recovery for expense allotment. We had plenty of food and drink for everyone, at $3 per meal. It was a good deal.

Remember to feed the kitty!

General Meeting Minutes
July 12, 1996
John Percival, Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:30 p.m. by President Gayle "Burgie" Jones, KE6MSF. Burgie welcomed members and guests to this meeting held at the Albany Senior Center.

GUESTS: Pat Caffel, Dr. Dick Gleason WA6HYS, and Allen Graham.

SECRETARY: The minutes of the June General Meeting were accepted as printed in *The Blown Fuse*.

FIELD DAY: Ray Gillett, KF6FU, said we had a very successful Field Day with many participants and visitors. He did not have the total score to report, but he thinks the total will probably match our score for last year. John Percival, WI6O, said the SSB station logged 422 contacts.

CLUB STATION: Burgie reported for Club Station Chairman Ralph Hall, W6EFD. She said Dr. Mel Hurley, KC6FAW, will build a

total of 20 drawers for the operating positions in our new station addition. She also said that a Club Station work party has been set for Saturday, July 27th. Burgie thanked Sam Watson, N6VIF, for loaning the Club his R7 Vertical antenna as a replacement for our R7 which is down for cleaning and repair.

EDUCATION: Ivan Sturman, W6PIV, spoke for Henry to announce that a No Code Tech class will start sometime in the Fall.

MISCELLANEOUS: Burgie asked members to suggest ideas for this year's Club Christmas Party or Dinner. Doug, N6JNK, spoke about the fire watch patrols on the 4th of July. About 8 volunteers participated between 12 noon and 6 p.m.

PROGRAM: Ron Smith, KE6HKQ, introduced our guest speaker Allen Graham, who works for shortwave radio station HCJB in Quito, Ecuador as a producer of English language programming. Allen told about Quito where he will return in August for a 3-year term of service at HCJB. He described some of the English programs including science, news, music, and special programs on Ham Radio and Shortwave Listening. He showed a set of QSL cards for HCJB that combine to form a panoramic view of Quito. This December 25th will mark the 65th anniversary of broadcasting by HCJB. Ray, KF6FU, suggested since we would not have our regular raffle drawings after the meeting, that we make individual contributions to HCJB.

WRTC CONTEST: David Brandon KG6FR, reported on preparations for the World Radiosport Team Championship operation this weekend at our Club Station. Our station was selected to host one of 54 two-operator teams who will compete from similar host stations around the S.F. Bay Area. Club members Henry (KK6PH) and Sharon (AA6XZ) Primbsch, and Steve Sturges, KK6WP are also hosting teams at their home stations. The contest period runs from 5 a.m. to 11 p.m. local time on Sat. July 13. During the meeting, a two-meter contact to our Club Station was made with Leon, S59L, who will serve as the Contest referee. The contest team operators are UT4UZ and UT5UGR, both from Ukraine. David asked for volunteers to be present at the station during the contest. David made a motion, which was then seconded and passed, to authorize the expense of up to $60 of Club funds to pay for food and incidentals for the guest team at our station. Robby Robinson, N6MNL, suggested that members may wish to contribute to offset this cost to the Club.

The meeting was adjourned at 9:15 p.m.

Novice/Tech Field Day Results
Greg Small, KD6SXH

Well dang, the Novice/Technician Plus tent counts this year were almost exactly the same as last year, 101 (102 in 1995)?! We worked 16 states and 24 sections (down from 17 states and 26 sections in 1995). We used 10M SSB, and CW on 10, 15, 40 and 80 meters. We had 57 SSB contacts and 22 CW contacts. The farthest stations were in Arkansas and Missouri, about 1400 nautical miles each. Of course we also got 100 points for natural power (thanks to Henry, KK6PH).

We had 6 operators, many of whom were actually licensed as Technician Pluses, which allowed us to be strictly "regular" on the issue of control operator.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). Dates for remaining 1996 exams are; Sept. 1st and Nov. 3rd. For more information, contact Allen Smith, AA6UX, (415) 752-8783.
- Pacificon '96, in Concord, Oct. 18-20, 1996. Call 510-932-6125 for details.

EBARC Roster Update

- **RENEWING MEMBER**: Will Nance, AA6VL, (Extra) still lives at 1619 Hopkins #3, Berkeley. His phone is 524-9231. Welcome back, Will.
- **RENEWING MEMBER**: Maria Rodman, KC6SLD, (General), 6319 Highland Ave., Richmond, 524-9231.
- **UPGRADE**: Chester Pike, KE6ZWR, just earned an Extra license. Congrats!
- **NEW VANITY CALL**: John Tim, formerly KE6VWG, just regained his old call sign from 40 years ago, W6QNT.

WRTC '96 Notes
David Brandon, KG6FR

The World Radio Team Championship '96 is over. Contestants Dmitri, UT5UGR, and Jerry, UT4UZ, from the Ukraine used our W6CUS club station. Leon, S59L, was the Slovenian referee. They operated with call sign K6K and got about 1800 contacts. In addition to the people mentioned in Burgie's article (see above), Leo Lewis, Rachel Lewellen, and Ray Gillett also helped us be a good host station.

Our WRTC '96 Adventure
Sharon Primbsch, AA6XZ & Henry Primbsch, KK6PH

We'll never forget being a host station for the WRTC '96 contest. About two months before the contest, we knew that we needed to improve the SWR on our 3-element beam, re-secure the rotor for it, and put up a 40-M dipole. We seemed to have passed all the other requirements, including access to a bathroom, a place for two people to sleep, no other WRTC host station within 2 miles, and no hill higher that 20 degrees from level nearby.

Our "work party" was two Saturdays before the contest. Getting two new baluns, some antenna wire, egg insulators, pulleys, a nifty climbing belt, and hardware for hanging a 40 meter dipole were fairly simple. The hard part was that ominous 40-foot tower looming a *looooong* way off the ground! Somebody had to climb it, so we agreed that Sharon would make the SWR measurements, and Henry would climb the tower to do the repairs and installation. Well, that worked fine until Henry's arthritic knee had other ideas. So, we swapped jobs. It's a good thing, because once Sharon attached a dummy load to the feed line at the top of the tower, the SWR measuring apparatus went belly up. At that point, it's great to have an electronics engineer (Henry) in the station! Needless to say, two hours later, we were able to verify that our feed line was okay,

that the beam was okay, and that the new (precariously dangling) balun was fine. Only after getting off the tower (with the death-grip bruises to prove it), did Sharon realize that her work apron covered up a perfectly good attachment ring on the new climbing belt that would have allowed her to work with *both* hands!

At the end of Saturday, we still didn't have a permanent installation, the rotor was still not secured, and there was still no 40-meter dipole installed (true tower novices at work)! Kit Chantarotwong, WB6JZM, came to the rescue, climbed the tower, and finished everything in about 45 minutes! Thanks Kit (and thanks for not laughing at Sharon's temporary installation).

We were told by the WRTC committee that all we needed to supply were two antenna feed lines and a place to set up. The contestants or the WRTC group would provide everything else, including a referee who would visit us a day or so before the contest. Well, when we attended the WRTC picnic the Wednesday evening before the contest, several referees were missing! One of us (Sharon) opened her mouth and volunteered to be a referee at our house (Henry could still be the station host), if they were truly desperate for judges. Well, they were truly desperate! We were hastily handed a 10-page set of rules! We cornered an American competitor at the picnic, and he gave us a crash course in what this event and its rules meant.

At noon the Friday before the contest, the Hungarian team, Gyozo Macsuga, HA0MN, and Istvan "Steve" Bogyo, HA0DU, drew Henry's name out of a hat. They finally arrived here about 7 p.m., with very little equipment. They also brought a sealed envelope for the referee (Sharon) with instructions, three videotapes and a small envelope containing a 1x1 call sign. We fed them, took them to a store for cigarettes and soda (contest fuel), and Henry helped them set up. We all got to bed about midnight.

Four hours later were all up again the next morning. At 4:30 a.m., Sharon opened the envelope to reveal call sign K6E. The team entered the call sign into their logging computer, checked their gear, and the contest was "off and running" at 5 a.m. Sharon spent the next 18 hours wearing headphones, monitoring the contest, and recording it on a VCR. She did this lying on a couch, to elevate a finger broken (not while on the tower) the weekend before. The Hungarian team's goal was to make 100 QSO's per hour (which they exceeded by a little bit). About 1/4 of the contacts were on SSB, and the rest were CW. At one point during the day, they had a contact rate of 545 QSOs per hour (SSB)! It was a real pleasure for both of us to watch this finely-honed world class team. We saw not only their skill and their strategy, but we also saw their impeccable person-to-person teamwork. At 11 p.m., the team handed a computer disk to Sharon and disassembled the station. We drove to Belmont (with disk, videotapes, and Hungarians), arriving about 2 a.m. Amazingly, there were tons of WRTC contestants still milling about! We should all consider ourselves lucky, the main judges didn't sleep at all. They had to finish the scoring before they could rest!

At the Sunday evening banquet, we discovered, to our surprise, that "our" Hungarian team (K6E) came in 43rd of 52 teams. We would have expected them to come in at the top. It just showed us how remarkably skilled all 52 teams were! In any case, it was wonderful to visit with "our Hungarians" when they weren't "working!"

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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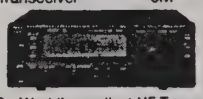

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 9

SEPTEMBER 1996

EBARC Meeting

September 13, 1996
7:00 p.m.

"A Ham's View of Broadcasting"
Andrew Ellis, AA6XP

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

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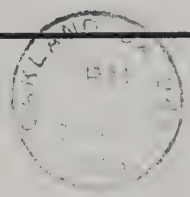

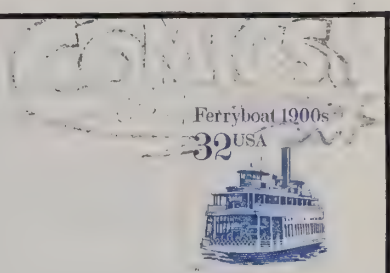

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Oct. issue: Sep. 24

[Articles can be submitted to the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon@tailored.com.]

Message from the President
Gayle "Burgie" Jones, KE6MSF

Hello everyone. Can you now believe summer is just about over? I hope you all have had a nice summer. I did. It was nice traveling to Washington.

I would like to begin by thanking Mel Hurley, KC6FAW, and his helper, Rich, for the drawers Rich made for the club station. We certainly did need them and they will be used by all.

On Saturday, 7/27 and 8/3, we had a work party at the club station. Bob, W6WTJ, (formerly KC6QCG), John WD6GGC, Peter, KF6BYN, Marion, KF6BYM, Vivian, Teresa, (Peter and Marion's girls), Paul, KE6NMJ, Roger, KE6SZG, Ralph, W6EFD, and myself were all there for the changing of the cables on the crank-up tower. Thank you all so much for all of your hard work. You all really did an excellent job. The cables look so much nicer than before.

Our R-7 antenna developed high SWR readings. John, WD6GGC and Peter, KF6BYN worked on the R-7 and located a broken toroid. Henry, KK6PH, took the antenna home and brought it back as good as new. Thank you gentlemen so much for your hard work. I really appreciate it.

One Sept. 14th, we are going to have a work party. We invite everyone to come and join us. We always have a lot of fun and Mom always fixes something good for lunch. So if you don't have any plans, come to the club station on Sat,, Sept. 14th.

Our club is holding its annual picnic on Sunday, Sep. 8th at Point Pinole. We'll start grilling about 11 a.m. We'll have horseshoes to toss, fishing from the pier, hiking and lots and lots of fun. So come on down, bring your family and friends. If you have a desert you'd like to share with us, bring it. We'd love to try it out. I'm going to make something different. (That's a scary thought.)

I hope to see you all at the meeting in September. Have a fun and safe Labor Day. 73s, Burgie

---

Club Station Report
Ralph Hall, W6EFD

We have had many exciting projects going on this month at the Club Station. We put new cables on the crank-up tower and fixed the R-7 antenna. We now have new drawers at every station. The station is looking very nice. We also put a coat of paint on the ramp into the station. I thank each one of you who gave up your Saturday to come down and help us. 73s

Treasurer's Report
August, 1996
Gordon Parsons, NU6W, Treasurer

AUGUST INCOME

1997 Membership Renewals; WD6GGC, WB6VEX, KD6FVI, AC6WF, KE6MRH, KI7FQ, W6EFD	$140.00
ARRL Renewal (R. Smith, KD6FVI)	31.00
Coffee Kitty	16.50
Station Fund Can	5.00
Raffle Ticket Sales	41.00
Total August Income	$233.50

AUGUST DISBURSEMENTS

Blown Fuse Postage (July)	$36.48
Blown Fuse Postage (August)	37.32
Blown Fuse Printing (July)	41.95
Blown Fuse Printing (August)	45.74
Pacific Bell (W6CUS)	19.07
AT&T (W6CUS)	5.55
Gasoline for Field Day	28.00
Refreshments	19.00
City of Albany (room rental)	40.00
Total August Disbursements	$273.11

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$736.43
Savings (Station Fund*)	$2,081.14

*$429.23 belongs to the General Fund.

To make the Treasurer's job easier at the end of the year, I am asking the membership to pay dues earlier this year. The Christmas party has often been a problem for me, as I am always doing Club business instead of joining in the festivities. Christmas shopping also causes a delay in dues payments. It is not unusual for us to be collecting dues well into the new year. I would like to have a 100% collection by December 31st! (I can dream, can't I?) Please pay your dues soon.

Remember to feed the kitty!

1997 EBARC Membership Renewal

Name _____

Call _____ N T T+ G A E License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

ARRL Member? ☐ Yes ☐ No

Membership Type ☐ Regular $20 ☐ Family $24

Additional family member name, call, and class

_____

Please use the lines above to tell us your ham interests, and any non-ham skills or hobbies

September Program
David Brandon, KG6FR

Andrew Ellis, AA6XP, will talk about *A Ham's View of Broadcasting* at our September meeting. Andy has achieved the rank of Certified Senior Radio Engineer within the Society of Broadcast Engineers and is employed by the CBS group as Assistant Technical Supervisor. This group consists of four stations--KCBS, KLLC, and KPIX-AM and FM. He will discuss current technology in AM and FM broadcasting, and share some interesting information concerning his 50 KW "rig".

General Meeting Minutes
August 9, 1996
Sharon Primbsch, Acting Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:31 p.m. by Roger Nelums, KE6SZG, for President Gayle "Burgie" Jones, KE6MSF, who was ill. Roger especially welcomed Jamie Wasson, AB6WJ, to this meeting held at the Albany Senior Center.

GUESTS: Andy Ellis, AA6XP, and Ralph Hall's cousin, Ada [sorry, I didn't get her last name - Ed]. Bill Isaacson, AC6QV, just moved to the area from Marin, and is also a Volunteer Examiner.

SECRETARY: The minutes of the July General Meeting were accepted as printed in *The Blown Fuse*.

CLUB STATION: Club Station Chairman Ralph Hall, W6EFD, reported that the cables have been successfully installed in the crank-up tower.

SOCIAL COMMITTEE: Vern Orme, AA6YE, announced that the EBARC Picnic will be held Sunday, Sept. 8th, at Point Pinole Park, starting at 11 a.m. Details will appear in September's *Blown Fuse*. Vern also announced that this year's winter holiday party will be held, instead of our regular meeting, on December 13th at the Albany Senior Center. Admission is free, and visitors are welcome. There will be a "round robin" gift exchange, as was done last year. Anyone who wishes to participate in the gift exchange should bring an untagged, wrapped, gender-neutral gift worth no more than $10. Details will be printed later in the *Blown Fuse*.

TREASURER: Gordy Parsons, NU6W, reported that dues for EBARC 1997 membership renewal are now being accepted.

EDUCATION: Henry Primbsch, KK6PH, announced that a Novice & no-code Tech class will start near the end of September. It may be followed by a 5 wpm Morse Code class and then possibly by a General upgrade class if there's enough interest. Details will be printed in September's *Blown Fuse*. There was also some discussion of "hands-on" single-meeting classes at the Club Station, depending upon members' interests. One possible subject is operating and/or fixing an oscilloscope.

ARRL APPOINTMENTS: Joe Lee, WB6DOB, discussed the various kinds of appointments available to ARRL members. They include Volunteer Examiner, Official Emergency Station, Official Observer, and others. Check with our ARRL section manager, Bob Vallio, for details. ARRL appointees can receive badges. For an EBARC badge, contact Joe.

ARES/RACES: Rich Parker, KD6JCT, reported that the at the county level, the emergency coordinating committee had lost some files, and some files were out of date. To fix the problem, they "fired" everybody. Those (such as Rich) who wanted to continue as Emergency Coordinators filled out new paperwork. Sam Lipton is the new East Contra Costa County EC. There is a current discussion about Contra Costa, Alameda, and Solano counties joining together into a larger RACES organization. Rich will keep us posted on this issue. At our local level, Rich needs volunteers to be "regional" emergency coordinators for San Pablo, Hercules, and Crockett. There is also a need for fire watch volunteers, especially on "red flag" days, when the chance of a fire is high. Contact Rich if you're interested in these efforts. The next

ARES/RACES training session will be in September.

TRI-CITY SAFETY DAY: Doug Cain, N6JNK, reported that Tri-City Safety Day would be held Sept. 28th again this year. See the September *Blown Fuse* for details.

BREAK & RAFFLE: The meeting was temporarily adjourned at 8:20 p.m. for a break and the raffle. We reconvened at 8:36 p.m.

PROGRAM: David Brandon, KG6FR, introduced our guest speaker Bob Schmieder, KK6EK. Bob is a physicist and marine biologist, in addition to being a ham. Scientific work is also part of the DXpeditions he organizes. He gave a presentation on his DXpedition to Easter Island last September. His next trip will be to Heard Island (on the opposite side of the Earth from us) in January 1997. He wrote a book, *3Y0PI*, which describes his first trip.

POSSIBLE EBARC/4CS MERGER: Roger Nelums led a discussion about the possible merger of EBARC with the Contra Costa Communications Club (4Cs). Harry Bier, WA6TNI, suggested that a small group from each club meet together to discuss the issues and bring the results back to both memberships. Ivan Sturman, WB6PIV, made a motion that we accept Harry's idea, and Peter Gaposhkin, KB6WC seconded it. The motion passed.

The meeting was adjourned at 9:57 p.m.

EBARC Picnic

Members and their guests are invited to the annual EBARC picnic. It will be held Sunday, Sept. 8th at Pinole Point Regional Shoreline (just off Giant Highway). EBARC will provide hot dogs, hamburgers, buns, soft drinks, coffee, and condiments. You can bring a side dish or dessert to share, if you like. There's no cost to eat (but you can donate to the kitty).

The park charges a small fee for parking and for the shuttle van (if you'd like to use it). The shuttle leaves from the flagpole at half past every hour starting at 7:30 a.m. The last shuttle leaves the park at 3 p.m. The walk from the parking lot to the picnic area is 2/10 mile. Lunch will be cookin' near 11 a.m. We will try to occupy the first picnic area on your right (Shoreline Giant Cluster) after you cross over the railroad tracks to enter the park.

In addition to the food, we'll have a transmitter hunt (and possibly some other "stuff"). Horeshoe pits, paved and unpaved trails, a fishing pier, a children's playground and a volleyball area are available. Horses, bikes, skates, roller blades, and dogs on leashes are allowed. The weather can be changeable, so bring a hat, sun block, and a sweater.

Novice & No-code Tech Class
Henry Primbsch, KK6PH

If there's enough interest, a codeless Novice & Technician class will be held on Monday and Wednesday evenings from 7 p.m. to 9 p.m. in El Cerrito. The class will start on Monday, September 23rd and run through Wednesday, October 30th. It will be followed by a VE test session on Sunday, Nov. 3rd. For more information, please call Ivan Sturman 524-9021 or Henry Primbsch 741-8227. The recommended text for the class is the ARRL book, *Now You're Talking,* available from any ham radio store and also available from most Radio Shack stores.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). Dates for remaining 1996 exams are; Sept. 1st and Nov. 3rd. For more information, contact Allen Smith, AA6UX, (415) 752-8783.
- Pacificon '96, in Concord, Oct. 18-20, 1996. Call 510-932-6125 for details.

EBARC Roster Update

- NEW CALL SIGN & NEW VE: Chester Pike, formerly KE6ZWR, has new call sign AC6WF. He also just became a new Volunteer Examiner on the EBARC VE team. Welcome to the team Chet!
- NEW VANITY CALL: "Bob Szentimrey formerly KC6QCG, recently changed his call sign to W6WTJ.

Tri-City Safety Day
Doug Cain, N6JNK

We have been asked again to participate in this annual event of public safety demonstrations by the police and fire departments of Richmond, El Cerrito, Albany, and Kensington (yes, that's 4 cities). The date is Saturday, September 28th. The place is El Cerrito Plaza, and the time is 9:30 a.m. to 3:30 p.m. This event is well attended by the public, which gives us the opportunity to demonstrate our communications skills in times of emergency and public service.

We will have VHF, UHF, and HF stations, as well as Packet and ATV. Also, the Richmond Red Cross will be there with its communication van. This unit is fully equipped with emergency radios (both amateur and Red Cross). Any licensed amateur radio operator will be able to operate this equipment, as well as the radios etc. being demonstrated by our ARES/RACES members. We encourage you to participate and to bring any equipment you would like to show and/or demonstrate. We need people to be available by 9 a.m. to help install antennae and set up. For questions, or to volunteer, please contact me at 232-3294 or Rich Parker, KD6JCT, at 237-7777.

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The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 10 OCTOBER 1996

EBARC Meeting

October 11, 1996
7:00 p.m.

"A Packet SYSOP's War Stories"
Mike Fahmie, WA6ZTY

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Nov. issue: Oct. 22

[Articles can be submitted to the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail.]

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73 Doug
Ralph Hall, W6EFD

It is with great sorrow that we note the passing of club member and friend-to-all, Doug Cain, N6JNK. Doug and his wife, Peg, were vacationing in the Reno-Tahoe area when Doug passed away.

Doug served in the British Navy as a Signalman in WW II and was proficient in radio, semaphore, flags, "blinker light" and other means of communication, a real candidate for entry into amateur radio. He and Peg moved to the United States after WW II where Doug was elevated to a position of high responsibility at Capwells in El Cerrito.

Doug began studying for his Ham license after relocating to America. Studying for that license was not necessarily easy for Doug, and numerous times he recounted the strong support Peg gave him by preparing his evening study material and

sample test questions while he was at work.

Doug's favored mode of operation was CW. He was a true DXer. He made DXCC early on, and ran his country total to well over the basic 100 needed for that award. Doug was a member and strong supporter of EBARC and CCCC. He was quite active in RACES/ARES work and served as Emergency Coordinator to the City of El Cerrito for many years. He also served as Instructor in classes for those seeking a Ham license, preferring to teach the CW part of those classes. Doug helped organize and for many years was Net Control for the "Going Home Group."

Many of us now feel a distinct void in our list of personal friends. He will be missed. But, perhaps as someone on the repeater was heard to say, "He is probably saying, 'Oh well, this is a much better place to be anyway.'" May God be with Peg in this terrible time for her.

Again, 73 Doug, our best to you.

"And Now Back to the Goin' Home Group"
A Tribute to Doug Cain, N6JNK

Jim Bloom KI6MG: "Doug and I were talking each day during my commute home, and the next thing I knew, Doug had the Goin' Home Group started."

Joyce Gleason (Dr. Dick's WA6HYS, wife): "I remember a 4Cs Christmas party at which Doug sang (very well) all the words to "Deck the Halls with Boston Charlie, Walla Walla Washington & Kalamazoo."

Jack KA6NQJ: "Doug was my good old Cornish friend. Conscientious guy. He was a radio operator in Her Majesty's Service during WW II. A member of the Ex G Radio Club some fifteen years and was well known on the Royal Bulldog Net (which consists of people who are English born), the Pacific Net, and the World Wide Net, Doug would regularly talk to New Zealand and Australia. I enjoyed doing DX HF spotting for Doug quite often. It was hard for me, but I told everyone on these nets about Doug's death. Doug did Red Cross and HF emergency nets (E.C. Fire Dept., CDF). He gave CW classes. I purchased all my suits from Doug."

Dr. Dick WA6HYS: "I remember when Doug used to baby-sit for WA6PKF's daughter, Carol. He worked at Capwell's in Oakland, then transferred to the El Cerrito store."

Ray Gillett, KF6FU: He was a "lefty." On Field Day, he'd bring his own left handed CW keyer, or use other keyers upside down!

Tommy N6IUI: "I remember first meeting Doug in the Capwell's rug department."

"Red" N6UMG: "I will never forget when the 4Cs repeater was in PL, Doug would have tons of trouble getting his 2 meter rig into PL. He'd get very frustrated."

Kenny K6OPG: "We'll miss Doug. He was a really nice guy."

John Tim W6QNT: "Last year when I went to Doug's house, I learned we had identical HF rigs, and Doug showed me how to operate it. I enjoyed looking at Doug's QSL books. Doug helped by talking to me on different frequencies when I recently had a problem with my HF antenna. He was a gentleman."

Peter, KD6LGY: "Doug sold me my suit for the Senior Ball. I'd fill in on the "Goin' Home" net for him."

Gordy Parsons, NU6W: "Several years ago at Hilltop, we had a Field Day. Doug and others would have a little 'nip'. He had put a beer out on his station wagon on a very hot day. I said, 'look everyone, that's how an Englishman chills his beer.' When I told Doug about this, he said that his brother in England always puts HIS beer on the lawn outside to warm it up!"

Barbara KD6OKJ: "I learned these things at his memorial service by people speaking in rembrance of Doug. He loved fly fishing. He and Peggy met during the war and got married. They came to the U.S. in the early '50s and became citizens a short time after. He fixed broken toys at Christmas and donated them to the Salvation Army. Harry Bier, WA6TNI, spoke of Doug's great service to his community during the firestorm and the earthquake in '89, and also for all the public safety functions and the bike rides for the American Lung Association. Doug was one man who, whenever called upon, was there."

[compiled by Barbara Grazer, KD6OKJ, and Sharon Primbsch, AA6XZ]

1997 EBARC Membership Renewal

Name _____

Call _____ License Class (circle) N T T+ G A E

Street _____

City, State, Zip _____

Phone (include area code) _____

ARRL Member? ☐ Yes ☐ No

Membership Type ☐ Regular $20 ☐ Family $24

Additional family member name, call, and class

_____

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_____

Message from the President
Gayle "Burgie" Jones, KE6MSF

Hello everyone. Well, Fall is upon us already. I must say, this year has gone by fast. We had a work party on Saturday, September 14th. We had a good turnout. I'd like to thank Peter, KF6BYN; John, W6QNT; Henry, KK6PH; Mike, KF6CDX; Bob W6WTJ; Jamie, AB6WJ; Liz, KO6XP; Sam, N6VIF; Sharon, AA6XZ; Marion, KF6BYM; Stanton, KD6SWU; Ralph, W6EFD; Roger, KE6SZG; Vivian, Adah, and Cheryl for all of your help. It was a very long day. Most of us were there for 9 to 12 hours. That is devotion. I sincerely thank each of you for your help and devotion to our club. I also want to thank Mom (Molly Hall) for the delicious lasagne, garlic bread, and fruit lunch.

Most of us know already. However, It is with great sadness that I announce a silent key, Douglas W. Cain, N6JNK. We will sincerely miss you, Doug. 73

Club Station Report
Ralph Hall, W6EFD

Our work part on September 14th had a good turnout. There were a total of 16 people there to help. We put the rotor and the beam onto the crank-up tower, which is now fully operational. Adah, a futurue ham, painted the rest of the drawers. Mike, KF6CDX, using all of the available plywood, finished laying it into the attic. I thank each of you individually for your help. We could not have done it without you.

If you use submit information for the November 1996 *Blown Fuse* by e-mail, send it to jhp@sunspot.ssl.berkeley.edu with "for Blown Fuse" on the subject line.

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October Program
David Brandon, KG6FR

Mike Fahmie, WA6ZTY, Sysop of Berkeley's N6EEG Packet BBS, will explain what packet is all about, what a BBS is, and how messages are forwarded. Perhaps most importantly, all your questions about how to use a packet BBS will be answered, and you will have a chance to operate from Mike's portable station. We'll also look forward to hearing some of his "war stories" concerning coordination of operations with other packet bulletin boards.

A ham couple from Hungary is looking for a place to stay while they are here this November. If you can accommodate them, call Sharon at 741-8227 for details.

Treasurer's Report
September, 1996
Gordon Parsons, NU6W, Treasurer

SEPTEMBER INCOME

New Member: Wm. E. Isakson, AC6QV	$20.00
1997 Membership Renewals; N6JNK, KC6JXB, W6WTJ, AC6TJ, W6QNT, W6THD, AC6RU, KD6SWU, KD6SXH, WB6IZE, KD6JCT, WA6OUO, and KE6ZWX,	$260.00
Family Renewals WB6DOB / KJ6OP, KB6JZM / KD6BAE, KE6MSF / KE6SZG / KE6VQI, and AA6XZ / KK6PH,	96.00
Raffle Ticket Sales	48.00
Station Fund Can	7.00
Coffee Kitty	17.20
Total September Income	$428.20

SEPTEMBER DISBURSEMENTS

Blown Fuse Printing	39.40
Blown Fuse Postage	36.80
City of Albany (room rental)	40.00
Sec'ty of State (filing fee)	10.00
Picnic Food (Vern Orme)	133.33
Plaque/Ice (Joe Lee)	33. 09
Paint (Ralph Hall)	63.15
AT&T (W6CUS)	5.55
Pacific Bell (W6CUS)	16.65
Total Sept. Disbursements	$377.97

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$786.66
Savings (Station Fund*)	$2,081.14

*$429.23 belongs to the General Fund.

Our 1997 membership renewal is now under way. As I stated earlier, there is a need to get all dues in on time, by the end of the year. It would be easier for the Executive Committee to make plans for the coming year if we had concrete certainty of who actually has paid dues by the start of the new year. Please pay as soon as possible, before the end of the year. Dues are $20 for individuals and $24 for a family.

Remember to feed the kitty!

General Meeting Minutes
September 13, 1996
Sharon Primbsch, Acting Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:30 p.m. by President Gayle "Burgie" Jones, KE6MSF, at the Albany Senior Center. Dan Sievers, AC6CU, Ben Humphrey KB6LLH, and Chris (?last name?) were guests.

SECRETARY: The minutes of the August General Meeting were accepted as printed in *The Blown Fuse*.

TREASURER: Gordy Parsons, NU6W, reported that dues for EBARC 1997 membership renewal are now being accepted.

CLUB STATION: Club Station Chairman Ralph Hall, W6EFD, reported that there will be a work party Saturday, Sept. 14th at the club station starting at 9 a.m. The plan is to lay the crank-up tower down, and put the rotor and the antenna onto it. Roger, KE6SZG, will be the rotor/cable leader, and Henry, KK6PH will be the beam leader. Ralph also reported that the Board has given its permission to buy an narrow CW filter (approx. $100) for the club's ICOM 738. Field Day showed us that we really need it. Burgie reported that Joe Lee, WB6DOB, donated a large wall clock to the club station, which replaces one which had fallen and broken. She reminded everyone to sign in and sign out when entering and leaving the club station.

ARES/RACES: Rich Parker, KD6JCT, announced RACES basic training from 8 a.m. to noon, September 28th, at City Hall, 525 Henrietta Ave. Martinez. Rich also announced these assistant Emergency Coordinators; John Blohm for San Pablo, John Tim for Pinole, Doug Cain for El Cerrito, and Ivan Sturman for Kensington. Sam Watson, N6VIF, announced that he and John Tim attended a "Wellness at Bayer Aspirin" presentation. They distributed information about amateur radio and our upcoming Novice / Tech+ Class. We were all reminded that we should give a big turnout at Tri-Cities Safety Day, September 28th at El Cerrito Plaza. *[for more info, contact Rich Parker - Ed.]*

EDUCATION: Henry Primbsch, KK6PH, announced that he and Ivan Sturman will teach a Novice / Tech+ class from 7 - 9 p.m. Monday and Wednesday evenings, starting September 23rd. Classes will be held at the El Cerrito Public Safety Building in the Courtroom. Location is San Pablo Ave. and Manila. Park in the city hall lot.

SOCIAL COMMITTEE: Vern Orme, AA6YE, reported that the EBARC picnic turnout was a little low, but it was great fun. He thanked Joe Lee, WB6DOB, and Fred Nieman, KC6VLL; for the food; Sharon, AA6XZ, for the publicity; and President Burgie (with a box of See's candy) for being the chief coach and organizer. Gerry White provided the transmitted for the T-hunt, and Robbie, N6MNL, hid it. The winners of the fox hunt were 1) Ray, KF6FU; 2) Roger, KE6SZG and Kham ("Tom") AC6TJ; 3) Kevin Jones, KE6VQI, and 4) Liz, KO6XP. Ralph Leon reminded us that we should reserve group picnic areas ahead of time the next time we use the East Bay Regional Parks.

BADGES & AWARDS: Joe Lee, WB6DOB, is accepting orders for EBARC badges. He also announced that the club will be giving a plaque to Allen Smith III, before he relocates to Brazil. Allen started the EBARC ARRL Volunteer Examiner team and has coordinated ham tests since 1986.

NOMINATING COMMITTEE: Burgie announced that Greg Small, KD6SXH, will be chair this year. He may be contacting you, either to be on his committee or to accept nomination as a 1997 EBARC officer.

POSSIBLE EBARC/4CS MERGER: Burgie announced that the committee to study the possible merger will have 3 EBARC-only members, 3 4Cs-only members, and one person who is a member of both groups. For EBARC, Bob Uhrhammer and Peter Gaposhkin volunteered for two of these positions.

PACIFICON: Tickets for Pacificon '96 (October 18-20 in Concord) will be for sale at the next EBARC meeting. Friday is an all-day antenna class with limited seating.

PROGRAM: Roger Nelums, KE6SZG, introduced Andrew Ellis, AA6XP. Andrew has been a ham since 1966, and he lives in Albany. He is currently the Assistant Technical Supervisor of the CBS Group, which operates four San Francisco radio stations, including KPIX and KCBS 740-AM. He spoke to us about the details and the history of their high power transmitters.

The meeting was adjourned at 9:43 p.m. for the raffle.

EBARC received a receipt and a thank you letter for the $67 donations to HCJB, the World Radio Missionary Fellowship. These donations were given by members during Mr. Allen Graham's presentation at a recent EBARC meeting.

Novice & No-code Tech Class
Henry Primbsch, KK6PH

A Novice & codeless Technician class is being held on Monday and Wednesday evenings from 7 p.m. to 9 p.m. in El Cerrito. The class started on Monday, September 23rd and will run through Wednesday, October 30th. It meets at the El Cerrito Public Safety Building in the Courtroom, located at San Pablo Ave. and Manila. Park in the city hall lot across the street. So far, 22 students are attending. A VE test session will follow on Nov. 3rd. Call Ivan Sturman 524-9021 or Henry Primbsch 741-8227 for more information.

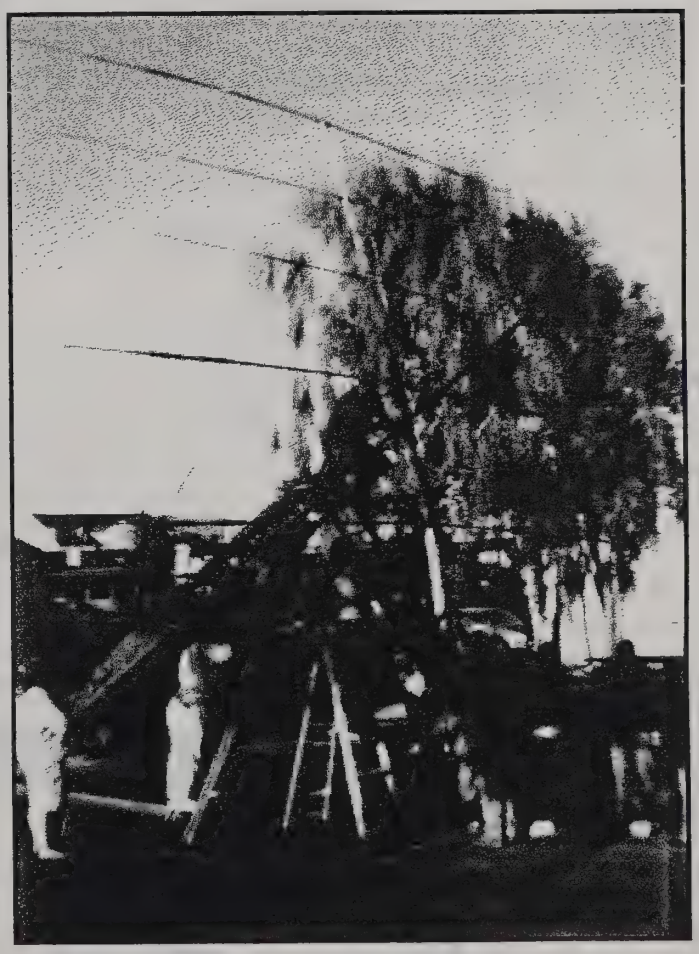
Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the remaining 1996 exam is Nov. 3rd. For more information, contact Allen Smith, AA6UX, (415) 752-8783.
- Pacificon '96, in Concord, Oct. 18-20, 1996. Call 510-932-6125 for details.

[The page listing the EBARC Executive Board and ham nets was left out this month to save space. It will reappear in November's Blown Fuse. *- Ed.]*

EBARC Roster Update

- **UPGRADE**: John Tim, W6QNT, recently upgraded to Advanced. Congrats!
- **NEW MEMBER**: William E. Isakson, AC6QV, 5306 Panama Ave., Richmond, 94804. Bill has an Extra class license, and he's an ARRL member. He has been active in Marin County RACES, and would probably become active in Contra Costa County. He likes 40 & 20 meter CW, QRP, homebrew, 2M packet, hunting, fishing, and gardening. His packet address is AC6QV@KA6EZH. #NOCAL.CA.USA.NOAM.
- **NEW ADDRESS**: Larry Fields, N6HPX, recently changed his address to Valley Field Subd., Block 15, Lot 4, Arayat Rd., Bacoor, Caute, P.I. 4201. His QSL manager is Bob Fields, KC6AOH.



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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 11

NOVEMBER 1996

EBARC Meeting

November 8, 1996
7:00 p.m.

"Hams Helping the Coast Guard"
Michael Cassidy, W6UAB

The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

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Deadline for Dec. issue: Nov. 25 (Monday!)

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon.primbsch@rebis.com.]

Message from the President
Gayle "Burgie" Jones, KE6MSF

Hello everyone. December is rapidly approaching, which brings us to think about Christmas. It's my favorite time of the year.

We will have our annual Holiday Party on Friday, December 13th at 7:00 p.m. It will be held at the Albany Senior Center. If you would like to participate in our (optional) gift exchange, please bring a wrapped, unmarked gift worth not more than $10. Sharon introduced us to our gift exchange game, which we played last year. We had so much fun!!! Please bring your family members, children, and friends to join us. We'll have a lot of good food and fun.

I hope to see you all at the November meeting.

73, Burgie

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ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular $20 ☐ Family $24

Additional family member name, call, and class _____

N6JNK Estate Sale

The following equipment, former property of Doug Cain, N6JNK, is offered for sale. Prices shown are *firm*. Unpriced items may be priced at a later date. The inventory was done for Peg Cain by John Billiones, WD6GGC and Ralph Hall, W6EFD. Please contact John at 237-1272 for all offers and inquiries.

1. Icom 751 HF transciever with Icom PS-30 power supply, Icom SM-6 desk microphone, and manual ($750).
2. Icom 24 AT dual band handheld, No PL installed (available from HRO). Includes one BP-90, one BP-82 battery, and one BP-25U wall charger ($195).
3. MFJ keyer with Bencher paddles ($65).
4. Astron RS-12M power supply ($50).
5. Radio Shack PRO-2021 200 memory channel scanner ($60).
6. Low pass HF filter.
7. 8 ohm conical speaker.
8. Telex headset.
9. Educalor headset.
10. Yaesu YH-55 headset.
11. Mag-mount dual band antenna.
12. "Straight" key, mounted on heavy base.
13. Icom HM-12 handheld microphone.
14. Telescoping antenna with BNC connector (for HT?).
15. Miller K 5002 two-position coax switch.
16. Heathkit code practice oscillator with "straight" key and manual.
17. L-shaped antenna (mobile?) with standard coax fitting.
18. Heathkit HD-10 electronic keyer and manual.
19. Radio Shack Catalog # 21-549 enclosed speaker (2-5 watts).
20. Dual band (?) "rubber duckie".
21. Speaker microphone (mfr. unknown, but resembles a Radio Shack).
22. BP-74A 12 volt, 22 mA wall charger.
23. AEA 12 volt, 60 mA wall charger.
24. Texas Instruments 9.5 volt 50 mA wall charger.
25. Zenith 12 volt, 780 mA wall charger.
26. MFJ 6 volt, 200 mA wall charger.
27. Two cigarette lighter power cords.
28. Icom IC-CP1 cigarette lighter cord.
29. Icom 13.8 volt HT battery.
30. Icom IC-CM4 battery for HT.
31. TC/VCR splitter.
32. One-speed, model 515 (Vibroplex type) keyer.
33. MFJ battery powered LCD dual time (local / UTC) clock.
34. Heathkit model HR-10 B, 80M through 10M (amateur bands only) receiver.
35. AEA Morse Matic, model MM-2 keyer and manual.

General Meeting Minutes
October 11, 1996
John Percival, WI6O, Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:32 p.m. by President Gayle "Burgie" Jones, KE6MSF. Burgie welcomed members and guests to this meeting held at the Albany Senior Center.

GUESTS: Forrest W. Balliet, W6LWD; Pat Caftel; and Mike Fahmie, WA6ZTY.

NEW MEMBER: Burgie welcomed new member Adah Fryman, who joined at this meeting.

TREASURER: Gordy Parsons, NU6W, reviewed the September report as printed in the Blown Fuse. He added that the income tax work has been done. He added a reminder that 1997 dues are now being collected.

2nd VICE PRESIDENT: Roger Nelums, KE6SZG, showed the plaque that will be presented to Allen Smith III, AA6UX, at the

next VE test session on Sunday, November 3rd. Alan, who has given 8 years of service with our Club's VE Team, will be leaving the area. Roger read the plaque's inscription as follows: "73 to Allen Smith III - AA6UX. In Appreciation of Your Service as Volunteer Examiner for the East Bay Amateur Radio Club 1988-1996."

SECRETARY: The minutes of the September General Meeting were accepted as printed in The Blown Fuse.

CLUB STATION: Club Station Chairman Ralph Hall, W6EFD, reported current status of the Club Station. He said the directional aim of the antenna rotator needs adjustment. Also, the beam antenna is missing the 10 meter reflector. The tower will need to be lowered and tilted over to replace this missing antenna element. Ralph reminded us that members in good standing can get their own key for Club Station access after receiving a one hour checkout briefing from Ralph.

EDUCATION: Henry Primbsch, KK6PH, announced that the new Novice/Tech class is going well with about 20 students.

NOMINATING COMMITTEE: Greg Small, KD6SXH, reported for the nominating committee that David Brandon (1st VP) and Sharon Primbsch (3rd VP) have accepted nomination for a second term in those offices. President "Burgie" Jones said she is willing to run again, but she nominated Roger Nelums as a candidate for President, and Roger accepted. Nominations for Second VP, Treasurer and Secretary will be announced later.

MISCELLANEOUS: Sam Watson, N6VIF, has tickets for Pacificon (Oct 18-20) for sale at this meeting. Member Bob Blohm, KE6ZWO, suggested that each month, *The Blown Fuse* run a brief description of the duties of one of the Club's committees, to inform members and possibly spark interest in volunteering to help. It was mentioned that the committies are described in Article IV of the Bylaws. More copies of the Constitution & Bylaws will be made available. Our holiday party this year will be held at the Albany Senior Center on our regular meeting night, Friday, December 13th at 7 p.m. The party will feature optional participation a gift exchange "game" as was held last year. Sharon, AA6XZ, provided a brief explanation of how it works.

PROGRAM: Program Committee chairman David Brandon introduced guest speaker Mike Fahmie, WA6ZTY, who spoke about Packet Radio from the SYSOP's point of view. Mike is the system operator (sysop) who took over for N6EEG Packet BBS originator, Don Stiver. Mike reviewed the fundamentals of Packet radio and went on to explain the Bay Area's network of nodes linked at 9600 Baud on 430 MHz. He described his role as sysop for the N6EEG BBS where about 200 bulletins are received each day. Mike said he favors packet radio over the Internet for message traffic. At the conclusion of the talk and question/answer period, David presented an EBARC Certificate to Mike.

The meeting was adjourned at 9:32 p.m.

Joe Lee, WB6DOB, is taking orders for EBARC golf shirts. The shirts are yellow, with the club's name and the ARRL logo on the back and your name and call sign embroidered on the pocket in front. The cost is $22 for size S, M, or L; $24 for sizes XL or XXL. To order, contact Joe at 724-0533 and pay with cash in advance. Joe also has a "fire sale" on one L and one XXL shirt which were improperly embroidered.

Treasurer's Report
October, 1996
Gordon Parsons, NU6W, Treasurer

OCTOBER INCOME

New Member: Adah Fryman	$20.00
1997 Membership Renewals: KB6LHR, WA6ZFV, KE6ZWP, KE6ZWN	80.00
Family Renewals KO6XP/AB6WJ, KF6VYN & family	48.00
Coffee Kitty	13.00
Station Fund Can	6.00
Total October Income	$167.00

OCTOBER DISBURSEMENTS

W6CUS Materials (L. Charlton)	$131.71
W6CUS Materials (R. Hall)	108.20
City of Albany (room rental)	40.00
Tax preparation (A. Streit)	100.00
Blown Fuse Printing	39.40
Blown Fuse Postage	37.76
AT&T (W6CUS)	5.55
Pacific Bell (W6CUS)	17.90
American Heart Assn. (for N6JNK)	25.00
Total Oct. Disbursements	$505.52

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	$711.50
Savings (Station Fund*)	$1,817.78

*$429.23 belongs to the General Fund.

Our 1997 membership renewal is under way. Regular membership is $20. Family membership is $24. Please pay your 1997 dues now, so that everyone will be paid up at the start of the new year. 1997 is our Golden Anniversary, so we need to know our financial condition at the first of the year. This will enable us to plan our activities carefully.

Remember to feed the kitty!

Is your ham license renewal due?

November Program
David Brandon, KG6FR

Yes, we all potentially contribute to boating safety by accumulating numbers of "boat anchors" in our garages, basements, and attics. To take the notion of boating safety a step further, however, we will be hearing from Michael J. Cassidy, W6UAB, Commander of the Berkeley Flotilla of the US Coast Guard Auxiliary. Michael will be telling us about the Auxiliary and its work, in which he has participated for 25 years. The Auxiliary is the civilian, volunteer arm of the Coast Guard, supporting the Coast Guard mission of boating safety. Persons skilled in communications are needed to train other auxiliarists--and, occasionally new Coast Guard personnel--and to work as Communications Watch Standers at Coast Guard stations. Ham-auxiliarists use amateur radio to pass internal traffic, while personally owned marine band radios (VHF-FM and HF-SSB) are used to assist with other activities such as search and rescue missions. Michael has 40 years of experience as a ham, and I urge all of you to avail yourselves of the opportunity to learn more about how hams can contribute to this important public service activity.

EBARC Nominations
Greg Small, KD6SXH

The people listed below have agreed to run for EBARC offices. Additional nominations will be accepted from the floor before the election during November's meeting.

President: "Burgie" Jones, Roger Nelums
1st Vice President: David Brandon
2nd Vice President: (open)
3rd Vice President: Sharon Primbsch
Treasurer: Gordy Parsons
Secretary: John Percival

Equipment Sought for School Ham Station

David Brandon, KG6FR

John Poole, WD6URS, and I are soliciting HF and VHF equipment, including packet gear, for a permanent station at Jefferson School in Berkeley. As many of you know, John and I have worked on a number of demonstrations of ham radio at this school, formerly a K-3. He now is a full-time science teacher there, and, with grade re-configuration, Jefferson now has 4th and 5th graders. We think this is a good opportunity for a greater presence of ham radio. We have just begun to plan and don't have a detailed wish list prepared. However, if you may have some equipment available, please let us hear about it. I can be reached at dbrandon@pw.usda.gov or 845-9559. John can be contacted at 549-7084 or dinosaur@crl.com. We expect that all donations would be tax deductible.

Tri-City Safety Day Surprise

John Billiones, WD6GGC

While the band was dead, imagine my surprise when I received a 599 response to my QRP CQ calls while working CW on 30 meters at the Tri-City Safety Day event. The calling station signed W6CUS, so I immediately thought it was someone working our Club Station. I looked up, and there, at the next table, with his hand on the key, was Ralph, W6EFD, grinning from ear to ear! This has to be a record for "negative DX" contacts. Our antennas couldn't have been more than a couple of feet apart. We were communicating by RFI!

Keep your batteries charged!

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the remaining 1996 exam is Nov. 3rd. For more information, contact Allen Smith, AA6UX, (415) 752-8783.

EBARC Roster Update

- **NEW MEMBER**: Adah Fryman just joined EBARC. She's looking forward to earning her ticket and operating. She also likes painting and sewing. Adah lives at 3200 Tulare Ave., Richmond, 94804. Her phone is (510) 232-1934.
- **NEW MEMBER**: Charles D. Fraits, N6FYH, is a Tech+ who likes CW, DX, and Ragchewing. He's also fond of photography and writing. He lives at 359 Glendale Ave., Oakland, 94618. His phone is (510) 597-0684.

Joe Lee reports that Don Waite, WD6DLR, is out of the hospital and recovering nicely after triple bypass surgery. He worked at Al Lasher's. He was a former EBARC member who will probably rejoin us in '97.

Useful Ham Web Pages

www.arrl.org/fcc/vanity.html has one-stop vanity call sign information. Visit www.pdarrl.org for ARRL Pacific Division information. www.qrz.com has QRZ info.

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1996 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Gayle "Burgie" Jones KE6MSF, President 222-3672
David Brandon KG6FR, 1st VP - Program Chair 845-9559
Roger Nelums KE6SZG, 2nd VP - Hospitality Chair 222-3672
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor 741-8227
John Percival WI6O, Secretary 232-8111
Gordon Parsons NU6W, Treasurer / Finance Committee Chair... 785-4290
Rich Parker KD6JCT, ARES/RACES EC - West CoCoCo. 237-2777
Rich's beeper number is: 202-9241
Rich's cell phone number is: 301-8038
Ralph Hall W6EFD, W6CUS trustee / Club Station Chair 232-0727
Henry Primbsch KK6PH, Education Chair 741-8227
Vern Orme AA6YE, Social Committee Chair 233-4504
???, Publicity Chair .....
Joe Lee WB6DOB, Awards Chair 724-0533
Ray Gillett KF6FU, Chair, Digital and RFI Committees 799-5221
Ray Gillett KF6FU (and helpers), Field Day Chair 799-5221
???, Historian .....
Fred Nieman KC6VLL, Member-at-Large 223-1748
Leo Lewis WA6ZFV, Member-at-Large 233-5034
Mel Hurley KC6FAW, Member-at-Large 526-2868

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME XLIX NUMBER 12 DECEMBER 1996

EBARC December Holiday Party

December 13, 1996
7:00 p.m.

Awards, Installation of
1997 Officers and Party!

The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL

Robert C. Hughes, N6SPY
238 San Carlos Ave.
El Cerrito, CA 94530-4151

POSTMASTER:
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Jan. issue: Dec. 23 (Monday!)

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon.primbsch@rebis.com.]

Message from the President
Gayle "Burgie" Jones, KE6MSF

Hello everyone. December has finally come. We have a lot planned for this month. As you know, we are having our annual Christmas party Friday, Dec. 13th, at 7 p.m. I hope everyone will be able to come. We'll have lots of fun and food.

We will be having our last work party for the year on Saturday, Dec. 21st. Our new cabinets are ready, so we can relocate our packet station into the HF room. We would like to lower the tower and put the 10M reflector up. We will also put up a 2M antenna, which was donated to the club by Doug Cain's wife, Peg.

As you all know, this is my last month as President of EBARC. I have thoroughly enjoyed being President. During my year, I have learned a lot. I want to thank each of you for your support. I also would like to thank the Executive Board members for their help and support during my presidency. I will truly miss all of you. Happy Holidays to each of you.

73, Burgie

Club Station Report
Ralph Hall, W6EFD

We will be having a work party on starting at 9:30 a.m. on Saturday, Dec. 21st, even though it is close to Christmas. I hope you will be able to join us. Happy Holidays!

1997 EBARC Membership Renewal

Name _____

Call _____ N T T+ G A E License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

ARRL Member? ☐ Yes ☐ No

Membership Type ☐ Regular $20 ☐ Family $24

Additional family member name, call, and class

_____

1997 EBARC dues are due before the end of 1996. If you haven't renewed already, bring your $$ to the Holiday party, or mail it to P.O. Box 1393, El Cerrito, CA 94530.

☹ Silent Key ☹
Jim Loughridge, AA6ZA

The East Bay Amateur Radio Club lost a good friend and fellow ham. On Nov. 8th, Jim Loughridge, AA6ZA, passed away after a long illness. We all send our best wishes to his family, especially to his wife Nora.

Jim spent most of his early years in Colorado and Arkansas. When he was little, he dreamed of being a pilot. So, in 1943, he enlisted into the Army Air Corps. His eyesight kept him from becoming a pilot, so he opted to become a radio operator. He was part of the program that trained glider pilots and paratroopers for WWII. His HF antenna in flight was a 200 ft. reel of wire with a 5 lb. weight at the end, reeled out of the airplane during flights. In spite of his radio service during the war, Jim didn't become a ham until his brother-in-law invited him to teach signaling to some Boy Scouts. He took his General test from the FCC in 1958, and eventually became an Extra class ham who loved CW DX and was learning packet.

If you'd like to make a memorial gift in Jim's name to the American Diabetes Association, send it to 631 Howard St., No. 520, San Francisco, CA 94105.

Membership Alert!
Sharon Primbsch, AA6XZ

Please check the mailing label on your copy of this month's *Blown Fuse*. Be sure to tell me of any changes in your license class, call sign, or any other information. I'd like to make our 1997 roster as accurate as possible. You can call me at 741-8227.

General Meeting Minutes
November 8, 1996
Sharon Primbsch AA6XZ, Acting Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:36 p.m. by President Gayle "Burgie" Jones, KE6MSF. Burgie welcomed everyone to this meeting held at the Albany Senior Center.

GUESTS: Mack, KF6FRD (from Hong Kong), Steve Harvey, and Donna Milamoski.

NEW MEMBERS: Burgie welcomed new members Cheryl Johnson, KF6HEN; Patricia McPeak, KF6HEP; Mike Smith, KF6HEV; Virginia Summerer, KF6HEX; Bud Summerer; and John Wood, KF6HFA, all of whom joined at this meeting.

MINUTES: Minutes of the October meeting were approved as printed in the *Blown Fuse*.

TREASURER: Gordy Parsons, NU6W, reviewed the October report as printed in the *Blown Fuse*. He added a reminder that 1997 dues are now being collected.

EBARC MAIL: Rachel Lewellyn, KB6LHR, volunteered to pick up EBARC's mail at the post office, taking over the job from silent key, Doug Cain.

EDUCATION: Henry Primbsch, KK6PH, congratulated all the new hams that were a result of EBARC's recent Novice/Tech class. There will be a class for those who want to learn CW and to upgrade to General. No dates were set.

SOCIAL CHAIR: Vern Orme, AA6YE, explained that the next meeting (at the

Albany Senior Center) will be a holiday party. Sharon Primbsch, AA6XZ, explained the gift exchange. Details will be printed in December's *Blown Fuse*.

EBARC BADGES & SHIRTS: Contact Joe Lee, WB6DOB, if you'd like to buy a club golf shirt or a club badge. If you wear your badge to meetings and buy lottery tickets, you get one free ticket. To get club jackets, contact Sam Watson, N6VIF. Joe and Sam will save orders for shirts and jackets until they get 5 orders for each.

1996 FIELD DAY: Ray Gillett, KF6FU, reported that EBARC came in with about 3,800 points, which is in the upper 25% in our competition class. Next year, we'll plan to have much more UHF/VHF activity.

WOMEN'S AMATEUR ROUNDTABLE: Burgie, KE6MSF, invited all the new women hams at the meeting to check in to the "women's net" Wednesday evenings at 8 p.m. on the 4C's 2 meter repeater (145.11). Burgie is usually net control, and a different subject is discussed each week.

LOAN RETURNED: Some time ago, Sam Watson, N6VIF, loaned EBARC an HF rig and antenna tuner. The antenna tuner was never returned, so the club purcased the tuner from Doug Cain's estate, and presented it (with many thanks) to Sam at this meeting.

ELECTION OF 1997 OFFICERS: The following people were elected as EBARC officers for 1997: President, Greg Small, KD6SXH; 1st Vice President, David Brandon, KG6FR; 2nd Vice President, Barbara Grazer, KD6OKJ; 3rd Vice President, Sharon Primbsch, AA6XZ; Secretary, John Percival, WI6O; and Treasurer, Gordy Parsons, NU6W. Officers will be installed at the December meeting.

VETERANS: With Veteran's Day near, President Burgie asked all the veterans present to stand and be honored for their service to our country. They are: Sam Watson, N6VIF; Leo Lewis, WA6ZFV; Gerry White, WB6IZE; Bob Blohm, KE6ZWO; Ivan Sturman, WB6PIV; Mike Camp, KI7FQ; Bill Isakson, AC6QV; John Billiones WD6GGC; Robbie Robinson, N6MNL; Vern Orme, AA6YE; Joe Lee, WB6DOB; John Tim, W6QNT; Harry Bier, WA6TNI; Charles Haller, KE6ZWX; Chet Pike, AC6WF; and Bud Summerer.

JOINT EBARC/4Cs STUDY: Burgie reported that the first meeting of the committee to study issues regarding the joining of EBARC and the Contra Costa Communications Club (4Cs) will occur at 8:30 a.m. on 11/10/96 at the Richmond Baker's Square restaurant.

PROGRAM: After a short break, at 8:38 p.m., Program Committee chairman David Brandon introduced guest speaker Michael Cassidy, W6UAB. Michael spoke about the Coast Guard Auxiliary, a volunteer civilian organization, which serves boaters by insuring boating safety.

The meeting was adjourned at 9:28 p.m.

ARES/RACES News
Rich Parker, KD6JCT

If you're interested in joining ARES/RACES for West Contra Costa County, please contact me at 237-2777. Also, we currently need ARES/RACES hams for some El Cerrito response sites. Contact me if you can participate in El Cerrito. Don't forget to check in to the Thursday 6:45 p.m. ARES/RACES net on the 145.11 repeater.

EBARC December Holiday Party

Don't miss December's EBARC meeting. It will be held starting at 7 p.m. at the usual meeting location, Albany Senior Center, in Albany. There will be awards, the installation of 1997 officers, and a party. Snacks, drinks, and desserts will be available. A donation of $3 per person is suggested. Guests and family members are encouraged to attend.

There will be a voluntary "round robin" gift exchange. Any member or guest who wants to take part in the exchange should bring one wrapped, untagged, gift valued under $10. The gift should be in good taste and gender neutral (suitable for either a man or a woman). Every participant's name goes into a hat. The first person selected opens any gift he/she wishes to open. Everyone thereafter can either open another gift or take an opened gift away from somebody else. If a person chooses to take a gift from somebody, *that* person can either open a wrapped gift or take a gift from a different person. The turn ends when a gift is opened, and then a new name is drawn from the hat. On any one "turn", you cannot take the same gift from somebody else. In other words, if you started a turn with a teddy bear and somebody took it from you, you cannot end that particular turn in possession of the teddy bear. With a large number of people, the game can take quite some time. To keep it moving, we might want to agree on a limit of 4 or 5 "thefts" per turn. The exchange ends when the last gift has been opened.

If you don't bring a gift to exchange, come to the party anyway, and enjoy the fun!

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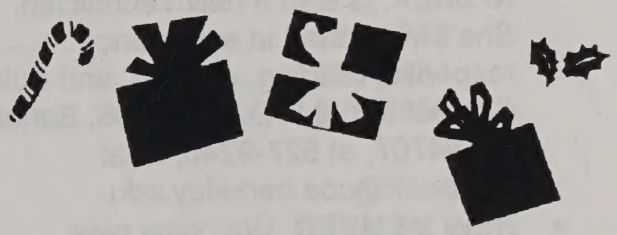

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the first 1997 exam is Jan 5th. For more information, contact Allen Smith, AA6UX, (415) 752-8783.

EBARC Roster Update

- **NEW MEMBER**: Pat Caftel, NEAT Coordinater for El Cerrito, earned her Technician license with call sign KF6HEI. She lives at 400 Seaview Drive, El Cerrito, CA 94530. Her phone is 525-7268. She's interested in emergency communications.
- **NEW MEMBER**: Donna Malinousky is interested in becoming a ham and helping in her community. She can be reached at P.O. Box 5844, Berkeley, CA or at 601-0550. *[Go for the "ticket"!]*
- **NEW MEMBER**: Cheryl E. Johnson, KF6HEN *[great call sign!]* is a new Technician interested in 2 meter and eventually in DXing. She also loves to read and does creative writing. Cheryl lives at 2993 Arundel Way, San Pablo, CA 94806. Her her e-mail address is califcj@aol.com, and her phone is 222-9315.
- **NEW MEMBER**: Patricia A. McPeak, KF6HEP, is also a new Technician. She's interested in emergency response, reading, walking, and skiing. Contact her at P.O. Box 7206, Berkeley, CA 94707, at 527-9240, or at pmcpeak@coe.berkeley.edu.
- **NEW MEMBER**: Welcome new Technician Michael G. Smith, KF6HEV, to EBARC. He's interested in emergency response, and is on the ski patrol. He can be reached at P.O. Box 7206, Berkeley, CA 94707, at mike@taxbreak.com, or at 525-0405.
- **NEW MEMBERS**: New Technician Virgina M. Summerer, KF6HEX, and Bud Summerer joined EBARC as a family. They live at 601 Sea View Drive, El Cerrito, CA 94530. Their phone is 526-6827.
- **NEW MEMBER**: John Wood, KF6HFA, is another new Technician member. He's interested in community service, singing, and woodworking. He lives at 5948 Fern St., El Cerrito, CA 94530. You can reach him at 234-0527 or at john.wood@csb.varian.com.

RCC RF Safety Standards

New FCC RF safety standards effective 1/1/97 could affect the way some hams operate, perhaps especially those using vehicle-mounted antennas. Part 97 will require hams running more than 50 W PEP to conduct routine RF radiation evaluations to determine if RF fields are sufficient to cause human exposure to RF radiation levels in excess of those specified for frequencies from 300 KHz to 100 GHz. If radiation is in excess of the limits, "the licensee must take action to prevent such an occurrence."

"Exactly what is involved in conducting a 'routine RF radiation evaluation' is not yet clear," according to ARRL Executive Secretary David Sumner, K1ZZ. He said that for high-power mobil operation and for operation with indoor antennas, "amateurs may well have to make changes in how they operate." The ARRL Lab staff and the RF Safety Committee will be evaluating the new requirements.

The new regulations will alse require the addition of five questions on RF environmental safety to the exams for Novice, Technician, and General licenses. The FCC encourages the amateur community "to develop and disseminate information in the form of tables, charts, and computer analytical tools that relate such variables as operating patterns, emission types, frequencies, power, and distance from antennas."

ARRL members can check the January issue of QST for further updates.

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $20 for individual membership and $24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME		FREQ, MHZ
EBARC Slow CW Net	Weds	2030		21.115
EBARC SSB Net	Weds	2100		28.395
No. Calif. VHF National Traffic System Net	Daily	2030		145.210
Women's Amateur Roundtable	Weds	2000	(PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845	(PL 82.5)	145.110
" " " " " "	"	"		147.57s
Northern Alameda County ARES Net	Thurs	1915		147.48s
Contra Costa Communications Club Net	Thurs	1930	(PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710	(PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930		145.410
"Going Home Group"	Mo-Fr	1600	(PL 82.5)	145.110

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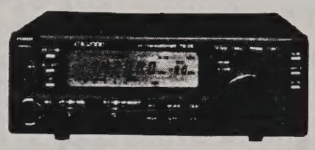

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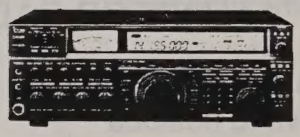

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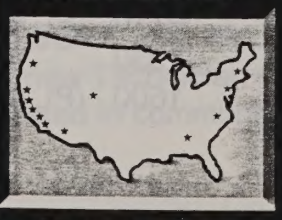

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